



CAMH MONITOR



2011

METADATA USER'S GUIDE

CAMH Monitor
2011
Metadata User's Guide

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1. Background

The *CAMH Monitor* (CM), conducted by the Centre for Addiction and Mental Health (CAMH), is an ongoing monitoring survey of Ontario adults. One of the mandates of the Centre for Addiction and Mental Health, and formerly of the Addiction Research Foundation (ARF), is to provide epidemiological monitoring of indicators related to alcohol, tobacco, and other drug use, as well as gambling and mental health. As noted below, there is a four-decade tradition of epidemiological survey research in this area. Also evident is the historical progression from brief face-to-face interview surveys assessing strictly alcohol and other drug use, to the *Ontario Drug Monitor* (ODM), which broadened the scope and length of alcohol and other drug use issues. In 1999, this surveillance program developed into the *CAMH Monitor* (CM) now fielded continuously and monitoring a wide range of health and mental health indicators.

First conducted in 1999, the CM is designed to serve as the primary vehicle for monitoring addiction and mental health issues in Ontario – including alcohol and other drug consumption, public opinion regarding alcohol and other drug use issues and policies, mental health status, gambling activities, and impairments and disabilities due to alcohol and other drug use, gambling and mental health.

This metadata report describes four important aspects of the 2011 cycle of the CM series: first, the sampling design and procedures used; second, the outcome of the sampling plan and the resulting sample quality; third, the data collection instrument and items; and fourth, the dataset and its characteristics.

The *CAMH Monitor* is based on the institutional experience of previous monitoring studies, including the *Adult Drug Use* series (1977-1991) and the *Ontario Alcohol and Other Drug Opinion Survey* series (1992-1995). To enhance comparability to earlier surveys, the *CAMH Monitor* has been designed to maintain many of the features of previous surveys. Including the CM 2011, this program of surveillance research represents 26 surveys conducted since 1977, making it the longest ongoing study of adult alcohol and other drug use in Canada (see **Table 1**).

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Table 1. ARF/ CAMH - Ontario Adult Population Surveys, 1977-2010

	Year	Survey Series	Mode of Interview	Survey Organization	Source (s)
1	1977	ADU	Personal	Gallup	(Smart & Goodstadt, 1977)
2	1982	ADU	Personal	Gallup	(Smart & Adlaf, 1982)
3	1984	ADU	Personal	Gallup	(Smart & Adlaf, 1984)
4	1987	ADU	Personal	Gallup	(Smart & Adlaf, 1987)
5	1989	ADU	Personal	Gallup	(Adlaf & Smart, 1989)
6	1991	ADU	Personal & Telephone	Gallup & ISR	(Adlaf, Smart, & Canale, 1991)
7	1992	OADOS	Telephone	ISR	(Ferris, Templeton, & Wong, 1994; Ialomiteanu & Bondy, 1997)
8	1993	OADOS	Telephone	ISR	(S. Bondy, 1994)
9	1994	ADU+ OADOS	Telephone	ISR	(Adlaf, Ivis, & Smart, 1994; Paglia, 1995)
10	1995	OADOS	Telephone	ISR	(Anglin, 1995)
11	1996	ODM	Telephone	ISR	(Adlaf, Ivis, Bondy et al., 1997; Adlaf, Ivis, Ialomiteanu, Walsh, & Bondy, 1997)
12	1997	ODM	Telephone	ISR	(Adlaf, Ivis, & Ialomiteanu, 1998; Adlaf, Ivis, Ialomiteanu et al., 1998)
13	1998	ODM	Telephone	ISR	(Adlaf, Paglia, & Ialomiteanu, 1999; Adlaf, Paglia, Ivis, & Ialomiteanu, 1999)
14	1999	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2001a; Adlaf, Ialomiteanu, & Paglia, 2000)
15	2000	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2001b; Adlaf, Ialomiteanu, & Paglia, 2001)
16	2001	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2002a, 2002b)
17	2002	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2003)
18	2003	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2004)
19	2004	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2005)
20	2005	CM	Telephone	ISR	(Adlaf, Ialomiteanu, & Rehm, 2008; Ialomiteanu & Adlaf, 2006)
21	2006	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2007)
22	2007	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2008; Ialomiteanu, Adlaf, Mann, & Rehm, 2009)
23	2008	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2009)
24	2009	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2010; Ialomiteanu, Adlaf, Mann, & Rehm, 2011)
25	2010	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2010; Ialomiteanu et al., 2011)

Notes: ADU -Ontario Adult Drug Use; OADOS - Ontario Alcohol and Other Drug Opinion Survey; ISR - Institute for Social Research, York University.

1.1 Major Differences Between CAMH Monitor and Earlier Series

There are three major differences between the CAMH Monitor and earlier series:

1. The *CM* series is based on the **annual cumulation of rolling samples** (monthly samples between 1996 and 2010; trimonthly (i.e., quarterly) samples beginning 2011), versus the periodic time-limited fieldwork (typically 3-4 months) in earlier surveys. Such “rolling” or continuous surveys have several advantages over periodic surveys including the following:
 - Greater capacity to detect seasonal and secular trends;
 - Greater capacity to provide timely information¹;
 - Ability to accumulate rare populations across time (Kalton, 2009; Kish, 1999);
 - Multiple repeated samples lead to better statistical estimation (Kish, 1965);
 - Potential for quickly evaluating changes in programs, policies and legislation.
2. The *CM* is **regionally stratified with equal allocation** of respondents within each region (versus non-stratified, proportional allocation employed in earlier surveys). Thus, the precision of estimates from areas such as Northern Ontario are improved compared to earlier surveys. As well, the potential for combining/cumulating cases across samples for regional, subgroup and rare-group analyses is greatly enhanced.
3. Starting with the 2010 cycle, **the sample size was increased** from earlier surveys to over 3,000 respondents. Typically, the sample size was exceeding 2,000 per year. Between 1996 and 2009, the annual sample size varied between 2,005 and 2,776 respondents (see **Appendix A** for details of earlier surveys).

1.2 The CAMH Monitor Surveillance Program

As evident in **Table 1**, the CM2011 is but a single cycle nested within a much larger surveillance program spanning 26 cycles during a 34-year period. Moreover, the CM2011 is the 15th cycle conducted since the series became continuously-fielded in 1996. Initiated in 1977, these cross sectionally-repeated surveys – irregularly from 1977-1989; annually from 1991-1995; continuously since 1996 – have some methodological change with time, although all share the target population of non-institutionalized Ontario adults aged 18 and older.

2. CAMH Monitor Sample Design

The 2011 cycle of the *CM* was administered by the Institute for Social Research, York University, who served as the contractor to produce all RDD telephone surveys since 1991. The 2011 *CM* sample design employed a **stratified** (by six regional area codes) **two-stage** (telephone number; respondent) **list-assisted** ² **RDD rolling trimonthly**³ **probability**

¹ Because changes in the CATI can be made quickly, emerging issues such as drug-related outbreaks can be readily addressed.

² Between 1991 and 1999, the stage 1 sampling frame consisted of landline telephone numbers only. In 2000, the design was expanded to a list-assisted RDD, which also included the possible selection of cell phone numbers, unlisted numbers and newly-listed numbers.

probability selection procedure, which interviewed English-speaking household residents of Ontario aged 18 and older. Each calendar year the four quarterly non-overlapping samples were cumulated to provide a single annual dataset (Alexander, 2002; Kish, 1999). Despite some variation in the sampling intervals across cycles, the CM has been continuously fielded since 1996.

The CAMH Monitor Sample Design

Stage of Selection	Primary Sampling Unit (PSU) / Secondary Sampling Unit (SSU)	Strata
1.	<i>Telephone household</i> , selected each quarter using list-assisted RDD rolling samples with equal probability. Telephone numbers are selected without replacement.	Area code based region (n=6); equally allocated
2.	<i>Respondent aged 18+</i> , selected using last birthday method. Respondents selected without replacement.	None

2.1 Target Population and Sampling Frame

The CAMH Monitor **target population** – the intended population which we wish to make inferences to – is *noninstitutionalized adults aged 18 and older residing in Ontario households during calendar year 2011*. The **survey (or frame) population** – the population that has an actual chance of being selected – is based on adult telephone subscribers residing in Ontario who were capable of completing the interview in English. **Excluded by design** are Ontario households that are phoneless, which represent 1% of Ontario residents (Statistics Canada 2011). In addition, those too ill or aged to be interviewed and those unable to communicate on the telephone.

Since 2000, the sampling frame has been built using the 10-digit telephone numbers in Ontario consisting of an area code, a “central office code” or exchange (the first three digits of the telephone number) and a suffix or “bank” (the last four digits of the telephone number). A list of telephone numbers in Ontario can be constructed from CD-ROM versions of telephone books and the other commercially available lists of telephone numbers. Selections from these sources, as well as telephone numbers between or on either side of listed numbers are included in the sampling frame. For example, if the selected number 416-651-8513 is published in a directory then all numbers from 416-651-8510 to 416-651-8519 are included in the sampling frame even if they are cell phone numbers or unlisted numbers, unless they are known “not-in-service” numbers. A computer is then used to generate a random sample of telephone numbers from this frame from which each quarterly sample is drawn. Because **unlisted numbers, cell phone numbers and newly published numbers** are interspersed among published numbers in the sampling frame, this strategy provides a much better sample than one restricted to listed landline numbers alone.⁴

³ In 2011, the sampling interval was revised from 12 monthly samples to quarterly (i.e., trimonthly) samples. The reason for this change was to increase the call-back period in order to maximize the response rate.

⁴ Including cell/mobile phones numbers should improve the sample quality given that recent research suggests that exclusive landline surveys underestimate several health behaviours including binge drinking and smoking (Blumberg, Luke, & Cynamon, 2006).

2.2 Sample Selection

Stage 1 telephone number selection: Within each of the six regional stratum, *each quarter* a random sample of telephone numbers was selected with equal probability and without replacement from the frame described above.

Stage 2 respondent selection: Within selected telephone households, one respondent age 18 or older who could complete the interview in English⁵ was selected without replacement according to the “last birthday” method of household members (Binson, Canchola, & Catania, 2000; Rizzo, Brick, & Park, 2004). A minimum of 12 call-backs were placed to unanswered numbers and most households who refused to participate on the first contact were re-contacted in order to secure participation.⁶

To increase the precision of estimates within different regions of the province, the sample was equally allocated among six strata according to area code, thus resulting in a disproportional-to-population allocation (see **Table 2**). The CAMH Monitor sample represents 9,460,369 Ontarians aged 18 and older (see **Table 5a**).

Table 2. Regional Stratification of the CAMH Monitor Sample

Region	County	Area Code
Toronto	Toronto	416, 647
Central West	Halton; Hamilton-Wentworth; Peel; Waterloo; Wellington; Dufferin; Niagara; Brant; Haldiman-Norfolk	519, 905, 289
Central East	Simcoe; York; Haliburton; Peterborough; Victoria; Northumberland; Durham	705, 905, 289
West	Kent; Huron; Perth; Elgin; Oxford; Middlesex; Grey; Bruce; Lambton; Essex	519, 226
East	Stormont, Dundas and Glengarry; Prescott-Russell; Ottawa-Carleton; Renfrew; Lanark; Leeds-Grenville; Hastings; Prince Edward; Frontenac; Lennox and Addington	613, 343
North	Kenora; Rainy River; Thunder Bay; Muskoka; Parry Sound; Nipissing; Timiskaming; Algoma; Manitoulin; Sudbury RM; Sudbury TD; Cochrane	705, 807

Note: In 2001, the 647 area code was overlaid with 416 in Toronto and area code 289 was overlaid with area code 905; in 2006, area code 226 was overlaid with area code 519; and in 2010, area code 343 was overlaid with area code 613.

⁵ With the introduction of the RDD series in 1991, both English and French CATIs were made available to all respondents. However, experience with the *CM* surveys found that most Francophone respondents preferred to complete the English interview. Given this preference, in 1998 the CATI became exclusively English.

⁶ These households ('refusers') are recontacted once after the initial refusal to confirm the refusal and make a final request for participation. Refusal conversions attempts are conducted by a sub-group of experienced, specifically trained interviewers. Those respondents who refuse by saying 'put me on your do-not-call list' (even though research is exempt from this list) or are very upset about the request are never recontacted.

3. Data Collection and Quality

3.1 Questionnaire Content and Design - Computer Assisted Telephone Interviews (CATI)

Two categories of questions are asked in the *CM* – core and panel items. In total, **3,039** respondents completed the interview in 2011. Two CATI interviews were employed: **Panel A** represents interviews with **1,040** respondents, and **Panel B** represents interviews with **1,999** respondents. All interviews were conducted between **January 3rd through December, 20th 2011**. To reduce respondent burden and maximize questionnaire content and flexibility, the *CM* employs a **matrix interview design**, whereby within each panel, random subsets of respondents are asked various modules of questions, whereas other respondents are asked modules or sets of different questions. The majority of the interview is composed of **core** items which are asked of all respondents (i.e., both Panel A and Panel B respondents) (See **Appendix C** for the CATI questionnaire). The **major advantage** of this matrix design is that the interview content can be maximized without increasing the length of a single interview. In addition, the CATI's ability to randomize respondents between different question conditions and question formats readily allows for methodological studies on question wording, order, etc. A **disadvantage**, however, is that sample sizes for split sample analysis are reduced (unless imputation methods are used to restore the sample). Some discussion of matrix sampling can be found in (Heeringa, West, & Berglund, 2010; Thomas, Raghunathan, Schenker, Katzoff, & Johnson, 2006).

3.2 Questionnaire Pretesting and Interviewing

Prior to the initiation of fieldwork, all new questions and full interviews were pretested with approximately 25 respondents. This pre-survey analysis included information from pretest respondents, interviewer debriefings and expert evaluation from staff at the ISR and the CAMH. Compared with “paper-pencil” questionnaires, CATI interviews have several advantages, including: interviewer presence, immediate data capture, automatic control of question sequences, centralized interviewer supervision and capability of randomization of respondents to particular questions.

On average, the 2011 interviews lasted **23 minutes** (range 6-71 min.; median 22 min.; 90% of interviews completed within 30 min). Interviews were conducted by 60 ISR interviewers, many of whom had considerable CATI experience and had completed interviews on prior CAMH surveys. In addition, all respondents who refused to participate on the first call, were recontacted by an experienced interviewer in order to maximize participation (19% of initial refusers agreed to participate upon recontact).⁷

3.3 Methodological & Special Studies

Each *CM* cycle may contain investigations such as pilot studies, experiments, or recruitment requests for people to participate in other related projects at the CAMH. Special studies are usually included in only one *CM* cycle, most likely as part of a panel. The 2011 cycle contained (in Panel B) questions for several special studies: driving and street racing, driving and use of prescription opioid pain relievers, financial stress, adult

⁷ Each cycle of the *CM* procedures and interviews was approved by the CAMH Research Ethics Board.

ADHD, the World Health Organization's Disability Assessment Screen (WHO-DAS) and traumatic head injuries.

3.4 Respondent Evaluations

Improvement in the quality of survey data depends upon ongoing evaluation. In order to continually assess the quality of responses and to further improve future CM data, respondents were asked, at the end of the interview, to evaluate two aspects of the interview – length and comprehension. The following is a summary of the findings.

Fourty-eight per cent of respondents found the interview “too long” or “somewhat long” (similar to 2009, but higher than the 38% found in 2010), whereas only 8% said the interview was “somewhat” or “much too difficult” (similar to 2010 and 2009). As well, only 12% said they found some questions confusing or unclear (similar to the 14% found in 2009).

When asked which questions were confusing, the most common answers included questions about mental health, taxes and smoking in public places, and alcohol and drug use. Reasons why the questions were confusing included: recall difficulty; insufficient detail to answer questions (e.g., absence of first hand experience or knowledge, unfamiliarity with the situation or lifestyle presented); repetitiveness; and cognitive complexity (e.g., lengthy or difficult questions).

In addition, 15% said there were questions that they understood, but still found difficult to answer (similar to the 18% found in 2010). The most frequently cited topics were drug and alcohol use; mental health; ethnicity and household income. Among the more common difficulties mentioned were absence of knowledge or unfamiliarity with the situation or lifestyle presented; recall difficulty; inability to give a straight answer; and perception of the topic as too personal.

Revisions are underway to further reduce the ambiguity and burden on respondents to further improve the quality of the CM data.

3.5 Data Limitations

Although sample surveys are the most feasible means to establish and monitor substance use issues in the population, those interpreting CM data should consider the following:

Telephone households. The CM is based on a survey (or in-scope) population of Ontario households with telephones. Whether our estimates would be significantly biased by projecting to all households depends on the size of non-telephone households and whether they differ from telephone households. Statistics Canada, using their 2010 *Residential Telephone Service Survey* (RTSS), estimated that 12% of Ontario households had no landline telephone, of which 11% had a cell-phone only and **1% were phoneless** (Statistics Canada, 2011). As well, household surveys are limited to those residing in conventional households and are not intended as a sample of all possible adults. Thus, those in prisons, hospitals, military establishments, and, as well, transient populations such as the homeless, are excluded. These excluded groups often contain an especially large number of drug users and heavy drinkers (Rossi, 1989). However, the bias caused by such noncoverage depends upon firstly, the *difference* in drug use and mental health status between those surveyed and those not surveyed, and secondly, the *size* of the group missed

missed (Groves & Couper, 1998). Thus, even if rates of drug use and mental health impairment are substantially higher in the excluded group than are those in the sampled group, if the size of the excluded group is small relative to the total population the bias is usually minimal (Kandel, 1991; Trinkoff, Ritter, & Anthony, 1990). One commonly found deficit of telephone surveys is that they tend to over-represent those with higher education and under-represent those with lower education (Trewin & Lee, 1988).

Interview Barriers. Some interviews could not be completed because respondents could not adequately converse in English or were too ill or aged.

Self-reports. Survey estimates are influenced by errors related to individual reporting of behaviours and the conditions under which the survey is conducted. One limitation of the sample survey in this regard is its reliance on self-reported behaviour. Reviews of self-report methods for alcohol and drug use suggest that although surveys tend to underestimate true usage, they are still regarded as the best available means to estimate such behaviours (Harrison, Haaga, & Richards, 1993; Turner, Lessler, & Gfroerer, 1992). Moreover, although these biases influence alcohol and drug use estimates at a single point in time, they should have less impact on estimating trends as long as underreporting remains constant. If this is the case, estimates of change should remain unbiased and valid.

3.6 Participation

Of the 8,277 telephone numbers selected during the four quarters of 2011 (of which 5,677 were known, or estimated, to be eligible)⁸, **3,039 respondents participated**, representing an effective **response rate of 51%** (quarterly response rates varied from 50% to 52%) (**Table 3**).⁹ (A sample of this size (n = 3039) has a maximum (calculated on a 50% estimate) design-based confidence interval of $\pm 2.3\%$. Thus, a total sample estimate near 50% would have confidence limits of 47.2% and 51.7%.) The CM 2011 unit response rates are higher than those of the most recent Canadian alcohol and drug use surveys, including the 2004 *Canadian Addiction Survey* (response rate = 47%) (Adlaf, Begin, & Sawka, 2005) and the more recent 2010 CADUMS (*Canadian Alcohol and Drug Use Monitor Survey*) (Health Canada, 2010), which obtained an overall response rate of 44%. The *Behavioral Risk Factor Surveillance Survey* (BRFSS), the largest health risk RDD survey conducted in the United States by the Centers for Disease Control, obtained a median state response rate of 53% in 2009.¹⁰ The decline in response rates in the past decade is common among many large-scale surveys. For example, the University of Michigan's Survey of Consumer Attitudes, has found a decline in response rates from 60% in 1996 to 48% in 2003 (Curtin, Presser, & Singer, 2005).

⁸ Whether eligible respondents reside in noncontacted households is unknown, but is estimated based on the eligible proportion of respondents derived among contacted households. This issue is not unimportant to telephone surveys because ignoring unknown eligibles persons overestimates the response rate. All response rate calculations are based on unweighted data.

⁹ We employ AAPOR's response rate calculation #3, which includes an estimate of unknown eligibles (see Standard Definitions at <http://www.AAPOR.org/>). AAPOR RR3 = $I / ((I + P) + (R + NC + O) + e(UH + UO))$, where I=completions; P=partial completions; R=refusals/breakoffs; NC=non-contacts; O=other; e=estimated proportion of cases of unknown eligibility that are eligible; UH=unknown if household; UO=unknown other.

¹⁰ CDC, ftp://ftp.cdc.gov/pub/Data/Brfss/2009_Summary_Data_Quality_Report.pdf Accessed March 5, 2011.

Like many large-scale surveys, the *CM* has also experienced a decline in response rates with time. Unit response rates for the 20 surveys conducted between 1991 and 2010 vary from 51% to 69% with an average of 62% and median of 61%. An analysis regressing response rates (in proportions) on year showed a small, but discernible linear annual decline in response rates of 2.5 percentage points with each survey ($b_{\text{year}} = -.025$, $p < .001$).

Starting with the 2008 cycle, to maximize the response rate for the survey, all eligible households in the City of Toronto (who had the lowest response rate in the sample), were mailed an **advance letter**. The advance letter described the history, purpose and importance of the study and mentioned that the household would be phoned in the near future and asked to participate in the survey (see **Appendix B**). Advance letters were mailed one month before the actual phone call. The average response rate in 2007 for Toronto (no letter) was 44.8%. After 6 months of data collection in 2008 (with the letter) the average response rate (in Toronto) increased to 51.9%. In addition, the ratio of completions to refusals improved, and the number of refusals before completion decreased. The pilot study suggested a positive effect of the advance letter, not only in making households aware of the legitimacy and importance of the study and in expecting the phone call, but it also gave interviewers additional confidence when introducing themselves to respondents.

Based on these results, the advance letter strategy was expanded to all eligible households in the province throughout the 2009, 2010 and the 2011 cycles (see **Appendix B**). Details on the fieldwork statistics and quarterly response rates are presented in **Table 3**.

Table 3. Fieldwork Statistics, CAMH Monitor, 2011

Quarter	1	2	3	4	TOTAL
Month	JAN-MARCH	APR-JUNE	JUL-SEP	OCT-DEC	JAN-DEC
Panel	A+B	A+B	A+B	A+B	A+B
Begin fieldwork	1/04	4/01	7/02	10/01	1/04
End fieldwork	3/31	6/30	9/29	12/20	12/20
Total units (1)	1892	2119	2135	2131	8277
Resolved [Eligibility known] (2)	1791	2045	2016	2069	7921
In scope [Eligible] (4)	1354	1487	1410	1426	5677
Respondents (6)	731	766	780	762	3039
Refusal conversions (11)					
Other Rs (12)					
Non-respondents (7)	623	721	630	664	2638
Refusals (13)	530	596	491	556	2173
Noncontacts (14)					
Other nonrespondents (15)	93	125	139	108	465
Out of scope [Not eligible] (5)	437	558	606	643	2244
Nonexistent units (8)					
Temporarily out of scope (9)					
Permanently out of scope (10)	437	558	606	643	2244
Unresolved/Eligibility unknown (3)	101	74	119	62	356
Estimated in scope (3A)	76	54	83	43	255
Estimated out of scope (3B)	25	20	36	19	101
Response rate ----- (6/4+3A)	0.51	0.50	0.52	0.52	0.51
Cooperation rate -----(6/6+13)	0.58	0.56	0.61	0.58	0.58
Refusal rate -----(13/4)	0.39	0.40	0.35	0.39	0.38
Nonresponse rate -----(7+3A/4+3A)	0.52	0.52	0.51	0.50	0.51
Noncontact rate -----(14+3A/4+3A)	0.05	0.04	0.06	0.03	0.04
Average interview minutes	24.2	22.4	23.1	24.2	23.4
Minutes (range)	12-53	6-65	6-69	6-71	6-71

3.7 Characteristics of the CM 2011 Sample

Tables 4, 5a and 5b provide basic demographic information regarding the sample.

Table 4. Demographic Characteristics of the CM 2011 Sample

	No. Interviews	Unweighted % (N=3039)	Weighted % (N=3039)	Design Effect
Gender				
Male	1212	40.0	48.2	1.6
Female	1827	60.0	51.8	1.6
Age				
18-29	267	8.8	19.1	2.5
30-39	396	13.0	18.4	1.8
40-49	551	18.1	19.4	1.5
50-64	923	30.4	23.9	1.3
65+	814	26.8	16.1	0.9
Missing	88	2.9	3.1	1.3
Marital Status				
Married	1692	55.7	59.3	1.7
Partner	204	6.7	7.3	1.4
Widowed	295	9.7	4.0	0.6
Divorced	228	7.5	3.8	0.7
Separated	133	4.4	2.8	1.2
Never Married	451	14.8	21.6	2.2
Missing	36	1.2	1.2	1.1
Regional Strata				NA
Toronto	503	16.6	21.2	--
Central East	503	16.6	26.7	--
Central West	507	16.7	19.5	--
West	500	16.5	12.5	--
East	517	17.0	13.3	--
North	509	16.7	6.8	--
Rural FSA				
Rural	610	20.1	15.0	1.1
Urban	2429	79.9	85.0	1.1
Highest Education				
Less than high school	369	12.1	9.0	1.3
Completed high school	670	22.0	20.4	1.5
Some college or university	1018	33.5	34.5	1.6
Graduated university	945	31.1	34.9	1.6
Missing	37	1.2	1.1	1.0
Gross Family Income (,000s)				

	No. Interviews	Unweighted % (N=3039)	Weighted % (N=3039)	Design Effect
<\$20	158	5.2	3.7	1.4
\$20-29.9	193	6.4	4.3	1.3
\$30-39.9	198	6.5	5.2	1.3
\$40-49.9	213	7.0	6.2	1.4
\$50-59.9	221	7.3	6.7	1.5
\$60-69.9	171	5.6	5.6	1.6
\$70-79.9	166	5.5	5.9	1.6
\$80-89.9	155	5.1	5.6	1.5
\$90-99.9	107	3.5	4.0	1.7
\$100+	718	23.6	29.0	1.7
Don't Know	199	6.5	8.6	2.3
Refused	540	17.8	15.3	1.5
Employment Status				
Full-time job	1304	42.9	49.8	1.6
Part-time job	272	9.0	10.1	1.8
Unemployed	77	2.5	3.3	1.9
Retired	900	29.6	18.5	1.0
Homemaker	120	3.9	3.9	1.3
Student	100	3.3	6.9	2.7
Self-employed	138	4.5	4.8	1.4
Other	105	3.5	2.7	1.4
Missing	23	0.8	0.8	1.0
Language spoken at home				
English	2677	88.1	84.6	1.9
French	86	2.8	2.0	1.1
Other	261	8.6	12.7	2.0
Missing	14	0.5	0.6	1.0

3.8 Sample Evaluation

Table 5a shows that the weighted distribution (including post-stratification adjustments) of the CM 2011 replicates the age by sex distribution of the 2006 Census^a. Note that these comparisons should match given the age by sex post-stratification adjustments applied to the weights (see page 12). Additional demographic comparisons (for marital status, education and region) were available only for respondents aged 20 and older (**Table 5b**). For the three available comparisons, there were differences between the two figures for marital status and education. Compared to Ontario figures from the 2006 Census, the CM sample under-represented those never married (20.0% vs. 25.4%), those widowed, divorced or separated (11.0% vs. 17.9%), and those with less than high school education (29.0% vs. 44.6%). The CM sample over-represented those married (69.0% vs. 56.6%) and those with a university degree (36.1% vs. 22.4%). This over-representation of highly educated respondents is common to telephone samples (Trewin & Lee, 1988).

Table 5a. Selected Demographic Characteristics: Weighted CM 2011 versus 2006 Census Data, Ontario Population, Aged 18 Years and Over

	CM 2011 (N=3039)			2006 Ontario Census (N= 9,460,369)	
GENDER					
Male	(46.0	48.2	50.5)		48.8
Female	(49.5	51.8	54.1)		51.2
AGE					
18- 24	(10.4	12.2	14.3)		12.2
25- 44	(35.9	38.2	40.5)		38.2
45- 64	(31.1	33.0	35.0)		33.0
65+	(15.3	16.6	18.0)		16.6

Table 5b. Selected Demographic Characteristics: Weighted CM 2011 versus 2006 Census Data, Ontario Population, Aged 20 Years and Over

	CM 2011 (N=2916)			2006 Ontario Census (N=9,116,385)	
MARITAL STATUS					
Never married	(17.9	20.0	22.2)	*	25.4
Married/ Common Law	(66.8	69.0	71.2)	*	56.6
Widowed/ Separated/ Divorced	(10.0	11.0	12.1)	*	17.9
REGION					
Toronto	(19.9	21.1	22.1)		21.2
Non-Toronto	(77.9	78.9	80.1)		78.8
HIGHEST EDUCATION					
High School or Less	(27.0	29.0	31.0)	*	44.6
Some Post-Secondary	(32.7	34.9	37.2)		33.0
University Degree	(33.9	36.1	38.4)	*	22.4

Notes: ^a At the time of this writing, the 2011 Census data were not fully accessible; CM data refer to: lower limit of 95% confidence interval, percentage estimate, and upper limit of 95% confidence interval; * indicates census data is not within the bounds of the CM CI (CM data excludes missing data).

Source: Statistics Canada. [On-line]. Available: <http://www12.statcan.ca/english/census/index.cfm>.

Table 6 presents a summary of the 2011 CAMH Monitor sample.

Table 6. Overview of CAMH Monitor 2011 Sample

CAMH Monitor 2011 Sample
<ul style="list-style-type: none"> • Target population - non-institutionalized Ontario adults aged 18 and older • 8,277 randomly selected telephone numbers (including landline, cell/mobile, unlisted and newly-published), of which 5,677 were estimated to be eligible • 3,039 respondents aged 18 and older participated • 51% unit response rate (3039/5677) • Computer Assisted Telephone Interviews were conducted in English <i>throughout</i> the 2011 calendar year and averaged 23 minutes in length (90% of interviews completed within 30 minutes) • Sample represents 9,460,369 Ontarians aged 18 and older; each respondent represents 3,113 Ontario adults. • 48% men (n=1212); 52% women (n=1827) • Mean age of 46.3 years (range 18-97 years) • Sample equally allocated within six regions • Compared to Ontario residents from the 2006 Census, the <i>CM2011</i> respondents were <i>similar</i> for gender and age; the sample <i>underrepresented</i> those never married, widowed, divorced or separated, and those less than high school educated; and <i>overrepresented</i> those married, and university graduates.
Note: all percentages are unweighted

4. Data Weighting and Analysis

4.1 Data Weighting

Because the sample is allocated equally within each of the six regional strata (i.e., telephone area codes), weights are required to restore population representation. Data users have the option of using one of two analysis or case weights, an **expansion weight (XWGHT)**¹¹, that represents the total population size (Ontarians aged 18 and over, N= 9,460,369), or a **relative weight (FWGHT)**, fixed to the number of interviewed respondents. Both weights are a function of the selection weight and a post stratification adjustment, and because both are rescaled versions of one another, both will provide identical (within rounding error) estimates, but will have different sample sizes. Although

¹¹ In this document dataset variable names are presented in caps; variable names in the Stata dataset are lowercase.

both expansion and relative weights are provided on the dataset, most complex sampling software requires only the expansion population weights for analysis.

Calculation of the quarterly aggregated sampling weight variable consisted of four components: household (HH), region, and survey quarter (the quarterly sampling interval) and post-strata adjustments. Within each quarter and region, relative household weight is directly proportional to the number of household residents age 18 and older. Within each annual cycle, relative region weight is directly proportional to the percentage (P) of all Ontario households located in the region. Finally, cycles are weighted so that each quarterly wave makes an equal contribution to the weighted N.

The quarterly annualized sampling weight variable is a function of the following quantity:

$$\frac{N \text{ adults in HH}}{\text{Mean } N \text{ adults}} \times \frac{P \text{ of HH in region}}{\text{Sample } P \text{ of HH in region}} \times \frac{\text{Total } N}{4 (\text{quarterly } N)}$$

Post-strata Adjustment. In addition, telephone and other probability surveys typically apply post-strata population adjustments to the base weight based on census information. Although this adjustment does not remove all biases, it does provide a simultaneous adjustment for non-response and non-coverage of households without telephones (Casady & Lepkowski, 1999). Using the 2006 Census (Ontarians aged 18 and older), the post stratification adjustment was based on eight post strata representing four age groups (18-24; 25-44; 45-64; 65+) by gender (male; female) configuration. These adjustments are applied in calculating the final annualized weight (**FWGHT** or **XWGHT**).

Weight variables in the CM dataset

Name	Label
XWGHT	Final annualized expansion weight
FWGHT	Final annualized relative weight
HHWGTC1-4	Household weight, quarter 1- 4 (every 3 months)
RWGTC1-4	Region weight, quarter 1- 4 (every 3 months)
RHHWGTC1-4	Region & household weight, quarter 1- 4 (every 3 months)
HHWGTCALL	Household weight, cumulative
RWGTCALL	Region weight, cumulative
RHHWGTCALL	Region-household weight, cumulative

Note: Post-adjustment corrections are computed only for aggregated annualized expansion and relative weights.

Below is the distribution of the expansion (XWGHT) and relative (FWGHT) analysis weights. The **expansion weight** ranges in value from 455 to 18852 (mean = 3112.99). The expansion weight inflates the sample to the population count of 9,460,369. The **relative weight** ranges in value from .146 to 6.06 (mean = 1.00). The relative weight fixes the sample to the number interviewed (n = 3,039). Neither weight variable has zero nor negative values, nor does either weight has values of .5 or less, which causes some software application to ignore the observation. The “notes”, “describe” and “codebook” commands in Stata provide further details regarding this dataset.

sum xwght fwght, detail (Stata command)

final expansion (population) weight: fwght x xfactor

Percentiles		Smallest		
1%	521.7999	455.0863		
5%	808.431	455.0863		
10%	926.9434	455.0863	Obs	3039
25%	1466.492	455.0863	Sum of Wgt.	3039
50%	2377.121		Mean	3112.988
			Std. Dev.	2419.296
75%	4132.478	Largest		
		16737.55		
90%	6098.58	17350.75	Variance	5852994
95%	7559.364	18852.01	Skewness	1.987865
99%	12197.16	18852.01	Kurtosis	8.45035

. iqr xwght (Stata user command)

mean=	3113	std.dev.=	2419	(n= 3039)
median=	2377	pseudo std.dev.=	1976	(IQR= 2666)
10 trim=	2726			
			low	high

	inner fences		-2532	8131
	# mild outliers		0	92
	% mild outliers		0.00%	3.03%
	outer fences		-6531	1.2e+04
	# severe outliers		0	34
	% severe outliers		0.00%	1.12%

final relative weight: rhhwtall x postadj wgt

Percentiles		Smallest		
1%	.1676208	.14619		
5%	.2596969	.14619		
10%	.2977673	.14619	Obs	3039
25%	.4710895	.14619	Sum of Wgt.	3039
50%	.7636161		Mean	1.000003
			Std. Dev.	.7771642
75%	1.327499	Largest		
		5.376699		
90%	1.959081	5.57368	Variance	.6039842
95%	2.428337	6.055937	Skewness	1.987865
99%	3.918163	6.055937	Kurtosis	8.45035

iqr fwght (Stata user command)

mean=	1	std.dev.=	.7772	(n=	3039)
median=	.7636	pseudo std.dev.=	.6348	(IQR=	.8564)
10 trim=	.8757				

	low	high
	-----	-----
inner fences	-.8135	2.612
# mild outliers	0	92
% mild outliers	0.00%	3.03%
outer fences	-2.098	3.897
# severe outliers	0	34
% severe outliers	0.00%	1.12%

4.2 Guidelines for Analysis and Release

Sample designs employing complex sampling procedures, such as stratification, clustering, weighting and multistage selection, tend to underestimate the variance (or error) of estimates when simple random sampling (SRS) formulas, the basis of most many statistical software routines, are used. The implication of using SRS formulas on estimates from complex sampling designs is that we are likely to understate the error and thus estimate a narrower confidence interval than truly exists, thus resulting in false positive findings of statistical significance. We will therefore be more likely to find a greater number of statistically significant differences than truly exist. The **design effect or DEFF** represents the net effect of the combined influence of stratification (causing a gain in precision), clustering (causing a loss in precision) and weighting (causing a loss of precision). It is essentially the ratio of the variance of an estimate derived from the particular sampling design over the variance of the same estimate of an SRS of the same size. A DEFF of 1.0 indicates that the variance of a given sample design is equivalent to the variance of a SRS. Most complex designs, however, tend to have DEFFs larger than one, in many cases, much larger than 1. It is generally the case, however, that RDD telephone surveys typically have smaller Deffs relative to multistage, clustered area samples. Indeed, in **Table 3.7**, we see that few of the Deffs (4 of 47) exceed 2.0, with most varying near 1.5 (i.e., a loss of $1013 (3039 - (3039/1.5))$ effective sample size cases). The adjustment can also be seen as reducing the size of the sample; thus, if the sample size is 2000, a DEFF of 1.3 would reduce our sample to an equivalent SRS, or effective size, of 1538 (i.e., $2000/1.3$). Prior to the wide availability of dedicated complex survey software, many analysts would downweight their sample by an average Deff to adjust for the sample design effect on the sample precision. Unfortunately, this was a crude solution given that each estimate in a dataset has a unique Deff. Today, such methods are outmoded with existing software applications. See (Kish, 1965; Lee, Forthofer, & Lorimor, 1989) for an elaboration of DEFFs.

If the particular research question involves inference to the total population of Ontario adults (e.g., epidemiological estimates of drinking, drug use or mental health status), the investigator must employ analysis weights and other design specifications. If the research question does not require a probability sample, the requirement of weighting can be relaxed (see Groves, 1989: 279-294, for a discussion on this matter). However, the presence of clustered data will violate model assumptions and impact statistical inference

regardless of the purpose of the analysis.

If an analyst is making inferences to the population from a probability sample the following **MUST** be applied when using CM data.

*1. Standard statistical software packages (e.g., Base SPSS, SAS) **DO NOT** calculate standard errors appropriately for complex survey designs. Programs with dedicated complex sampling applications that accommodate features of the sample design such as Stata, SUDAAN, SPSS Complex Sampling, SAS Proc Survey Select or EpiInfo must be used to ensure accurate calculations and inference.*

The Stata command that identifies the *sampling error calculation model* is noted bellows, where IDNUM represents respondents (the PSU codes); FWGHT represents the final relative (or normalized) weight factor (or expansion weights used to calculate population estimates); and REGION represents the six area code based regions (stratum codes). A simplifying assumption employed in multistage analysis, which we have used, restricts design specification to stage 1 sampling features given that stage 2 variances “roll-up” into stage 1 PSUs (see Heeringa et al., 2010: 66-67).

The CM2011 has 6 sampling error strata and 3039 sampling error computation units (respondent PSUs), resulting in 3,033 design-based degrees of freedom (df = #respondents(PSUs) - #strata).

The Stata svyset command, which permanently stores the design information for access during statistical processing, used to build the CM 2011 dataset is as follows:

svyset idnum [pweight=fweight], strata (region)

svydes (Stata command)

Survey: Describing stage 1 sampling units

```
pweight: fwght
VCE: linearized
Single unit: missing
Strata 1: region
SU 1: <observations>
FPC 1: <zero>
```

Stratum	#Units	#Obs	#Obs per Unit		
			min	mean	max
1	503	503	1	1.0	1
2	503	503	1	1.0	1
3	507	507	1	1.0	1
4	500	500	1	1.0	1
5	517	517	1	1.0	1
6	509	509	1	1.0	1
6	3039	3039	1	1.0	1

2. Data users contemplating analysis within strata or subpopulations (e.g., distress among females) should consult a complex sampling analysis text (Heeringa et al., 2010) or a survey analyst.

3. If the **CAMH Monitor combined dataset (1996 – 2011)** is used, the following design variables are necessary for population estimation (Stata command)

svyset idseq [pweight=fweight (OR xwght)], strata (stratam)

Note: Data users employing analysis using expansion weights on combined data will need to rescale these weights appropriately.

4. Low estimates (e.g., small percentages) based on a small number of respondents can produce, not only wide confidence intervals, but unstable estimates.

The relative standard error or the coefficient of variation (CV) should be employed to identify unstable estimates (see **Table 7**). Although individual researchers are responsible for material submitted to scientific journals, CM estimates intended for any public release by CAMH must meet the CV criteria for data suppression. (The CV is available in most complex survey software.)

5. All CAMH Monitor population analyses conducted by CAMH employ pseudo-maximum likelihood estimation (PMLE) in the estimation of parameters and Taylor series linearization (TSL) in the estimation of variances.

4.3 Reliability and Suppression

There are two aspects to the statistical quality of survey data: **precision** - typically measured by the 95% confidence interval (CI), and **stability** – typically measured by the ratio of the standard error to its estimate. Confidence intervals indicate the probable error of a given survey estimate; thus, a $\pm 2.3\%$, 95% CI (based on the total CM sample of 3039 with a percentage estimate of 50%) indicates that *with repeated sampling*, 95% of the samples would contain the true population value within this range. Confidence intervals, however, do not reflect total errors or accuracy, but reflect sampling errors due to the fact that we are surveying only a sample of the total population. Errors as measured by confidence intervals do not include nonsampling errors such as question nonresponse, problems of respondent memory and recall, interviewer effects, sensitivity of questions, underreporting of drug use, and the like. Thus, the reader should always acknowledge that the "precision" of an estimate, as represented by the confidence interval, is not synonymous with "total accuracy" of an estimate.

The ratio of the standard error to its estimate is a measure especially useful when comparing the precision of different estimates based on varying sample sizes and varying measures. The criteria for the suppression for CM data are based on the coefficient of variation (CV).

Guidelines for data suppression are based on CV values employed by Statistics Canada as follows:

CV range	Estimate stability
0–16.5	Estimate stable and reportable
16.6–33.3	Estimate has moderate sampling variability and should be interpreted with caution
33.3+	Estimate unstable and should be suppressed (not reportable)

As noted in **Table 7**, based on the total sample of 3039, estimates as low as 1.5% (CV = 14.7) are reportable without suppression. Estimates as low as 0.5% (CV = 25.6) are reported with a warning of moderate variability. Estimates within subgroups, however, greatly alter the suppression outcomes. For example, among 18 to 29 year olds (n = 267) estimates of than 3.5% or lower require suppression and estimates between 3.5% and 10% require a warning of moderate variability (see Heeringa et al., 2010; Korn & Graubard, 1999 for more information on the analysis of complex samples).

Table 7. Coefficient of Variation Values by Percentage Estimate and CM 2011 Sample Size

CM 2011 CV TABLE		0.5	1	1.5	2	2.5	3	3.5	4	5	6	7	8	9	10
Total	3039	25.6	18.1	14.7	12.7	11.3	10.3	9.5	8.9	7.9	7.2	6.6	6.2	5.8	5.4
Men	1212	40.5	28.6	23.3	20.1	17.9	16.3	15.1	14.1	12.5	11.4	10.5	9.7	9.1	8.6
Women	1827	33	23.3	19	16.4	14.6	13.3	12.3	11.5	10.2	9.3	8.5	7.9	7.4	7
18-29	267	86.5	61	49.7	42.9	38.3	34.9	32.2	30	26.7	24.3	22.3	20.8	19.5	18.4
30-39	396	71	50.1	40.8	35.2	31.4	28.6	26.4	24.6	21.9	19.9	18.3	17.1	16	15.1
40-49	551	60.2	42.4	34.6	29.8	26.6	24.2	22.4	20.9	18.6	16.9	15.5	14.5	13.6	12.8
50-64	923	46.5	32.8	26.7	23.1	20.6	18.7	17.3	16.1	14.4	13	12	11.2	10.5	9.9
65+	814	49.5	34.9	28.4	24.6	21.9	19.9	18.4	17.2	15.3	13.9	12.8	11.9	11.2	10.5
Toronto	503	63	44.4	36.2	31.2	27.9	25.4	23.4	21.9	19.5	17.7	16.3	15.1	14.2	13.4
Central South	253	88.9	62.7	51	44.1	39.3	35.8	33.1	30.9	27.5	24.9	23	21.4	20	18.9
Central West	291	82.8	58.4	47.6	41.1	36.7	33.4	30.8	28.8	25.6	23.2	21.4	19.9	18.7	17.6
South West	500	63.2	44.5	36.3	31.3	28	25.5	23.5	21.9	19.5	17.7	16.3	15.2	14.2	13.4
Central East	416	69.2	48.8	39.8	34.4	30.7	27.9	25.8	24	21.4	19.4	17.9	16.6	15.6	14.7
East	517	62.1	43.8	35.7	30.8	27.5	25	23.1	21.6	19.2	17.4	16	14.9	14	13.2
North	459	65.9	46.5	37.9	32.7	29.2	26.6	24.5	22.9	20.4	18.5	17	15.8	14.9	14
Married	1896	32.4	22.9	18.6	16.1	14.3	13.1	12.1	11.3	10	9.1	8.4	7.8	7.3	6.9
Prev. married	656	55.1	38.9	31.7	27.4	24.4	22.2	20.5	19.1	17	15.5	14.2	13.3	12.4	11.7
Never married	451	66.5	46.9	38.2	33	29.4	26.8	24.8	23.1	20.5	18.7	17.2	16	15	14.1
<High School	369	73.5	51.9	42.2	36.5	32.6	29.6	27.4	25.5	22.7	20.6	19	17.7	16.6	15.6
Completed HS	670	54.5	38.5	31.3	27.1	24.1	22	20.3	18.9	16.9	15.3	14.1	13.1	12.3	11.6
Some post-sec	1018	44.2	31.2	25.4	22	19.6	17.8	16.5	15.4	13.7	12.4	11.4	10.6	10	9.4
Univ. Degree	945	45.9	32.4	26.4	22.8	20.3	18.5	17.1	15.9	14.2	12.9	11.9	11	10.3	9.8
< \$30,000	351	75.4	53.2	43.3	37.4	33.4	30.4	28.1	26.2	23.3	21.2	19.5	18.1	17	16
\$30,000-\$49,000	411	69.7	49.1	40	34.6	30.8	28.1	25.9	24.2	21.5	19.5	18	16.7	15.7	14.8
\$50,000-\$79,000	558	59.8	42.2	34.3	29.7	26.5	24.1	22.2	20.8	18.5	16.8	15.4	14.4	13.5	12.7
\$80,000+	980	45.1	31.8	25.9	22.4	20	18.2	16.8	15.7	13.9	12.7	11.6	10.8	10.2	9.6
Not stated	739	51.9	36.6	29.8	25.8	23	20.9	19.3	18	16	14.6	13.4	12.5	11.7	11

Note: Green (dark shaded) entries represent unstable estimates; Yellow (light shaded) entries represent estimates with moderate sampling variability; Unshaded entries represent estimates with acceptable reliability; CV values ignore design effect.

4.4 The CAMH Monitor 2011 Dataset

Note: because the CM2011 dataset requires occasional updating (e.g., adding newly derived variables), details of the dataset presented here are accurate to the time of printing.

The following details describe some key features of the CM 2011 dataset.

notes (Stata command)

`_dta:`

1. This file contains data from the 2011 cycle of the CAMH Monitor. The CATI administered telephone survey interviewed 3,039 Ontario adults aged 18+ between Jan 03,2011 to Dec 20,2011. The survey is a regionally-stratified two-stage design. The survey was administered by the Institute for Social Research, York University; For proper estimation the following design variables are necessary strata= REGION; pweight= fwght (or xwght); and psu= idnum. Two CATI interviews were employed: Panel A represents interviews with 1040 respondents (January-Dec); Panel B represents interviews with 1,999 respondents (Jan - December); The following documents provide further information regarding these data: Ialomiteanu, A & Adlaf, E M (2012). CAMH Monitor 2011: Technical Guide (electronic document) Toronto: Centre for Addiction and Mental Health; any publication of these data requires an acknowledgement of: (1) the Centre for Addiction and Mental Health, (2) the CAMH Monitor principal investigators, and (3) the Institute for Social Research, York University.

List of Variables included in the CM 2011 data file

. codebook, compact (Stata command)

Variable	Obs	Unique	Mean	Min	Max	Label
idnum	3039	3039	5667.099 4		10555	respondent identification number
region	3039	6	3.510694 1		6	location of household
replicat	3039	12	6.311287 1		12	sample replicate code
county	3039	48	28.28003 1		60	county -- derived from sample
areacode	3039	9	645.1277 226		905	telephone area code
attempts	3039	42	6.134584 1		52	total number of call attempts
refusals	3039	3	.2142152 0		2	number of refusals before comple...
contacts	3039	8	1.272787 1		24	total times respondent contacted
answers	3039	19	2.722606 1		24	number of times telephone answered
intime	2908	52	23.47662 3		80	length of interview <minutes>
intdate	3039	304	6493660 1042011		1.22e+07	date of interview <mmddyyyy>
intmonth	3039	12	6.339256 1		12	month of interview <mm>
intday	3039	31	15.23922 1		31	day of interview <dd>
intyear	3039	1	2011 2011		2011	year of interview <yyyy>
intnum	3039	64	64948.82 5		112513	interviewer's number <# of compl...
nadults	3039	8	1.988812 1		8	number of adults in household
rgender	3039	2	3.404738 1		5	respondent's gender
random1	3039	3	1.994077 1		3	
tc1	3039	4	4.411649 1		8	presently, do you smoke cigarett...
tc2	2659	3	3.330575 1		8	[less than daily smoker] have yo...
tc3	1118	3	1.596601 1		8	[smoked 100+] have you ever smok...
tc4	1332	37	18.43018 5		99	[daily smokers] how old were you...
tc5	1118	7	4.282648 0		8	[smoked 100+] how long ago was i...
tc6	380	27	17.02632 1		98	[daily smokers] how many cigaret...
tc7	380	5	3.821053 1		8	[daily smokers] how soon after y...
tos1	95	14	4.873684 1		25	[occasional smokers] on those da...
tos2	95	20	13.91579 0		98	[occasional smokers] on how many...
tc8	475	14	2.233684 0		98	[daily & occasional] in the past...
tc9	475	3	3.086316 1		8	[daily & occasional] are you int...
tc10	252	3	3.301587 1		8	[daily & occasional] are you int...
tc11	475	9	.9178947 0		98	[daily & occasional] on how many...
tc15	28	8	5.392857 1		30	[daily & occasional] on those da...
tp97	3039	7	1.537677 1		9	residence type
tp98	898	7	.9821826 0		8	noticed tobacco smoke entering h...

smokeflag	3039	2	.1645278 0	1	smoking status of respondent
tg2	1040	3	3.959615 1	8	in the past 30 days, you have se...
tc12	1040	23	4.942308 0	99	number of doctor visits
tc12b	880	3	4.039773 1	8	did the doctor ask you if anyone...
tp26b	1040	7	1.384615 0	9	work location
tp31a	583	9	.8473413 0	98	number of days exposed indoors t...
tp31b	580	10	2.374138 0	98	number of days exposed outdoors ...
tp99	1040	23	8.543269 0	99	past 24 hours, number of people ...
tp99b	37	6	2.891892 0	9	[if tp99b=don't know\refused] pa...
tp30a	1040	6	.2663462 0	9	how frequently do people smoke i...
tp30b	56	8	3.696429 0	98	how many people smoke inside you...
tp53	1040	6	2.247115 1	9	smoking should be banned indoors...
tp80	1040	6	2.078846 1	9	smoking should be banned near pu...
tp64a	1040	6	3.585577 1	9	smoking should be banned on outd...
tp83	1040	6	3.225962 1	9	smoking should be banned at outd...
tp67	1040	6	4.147115 1	9	smoking should be banned on publ...
tp68	1040	5	3.579808 1	8	smoking should be banned in publ...
tp81	1040	5	2.897115 1	8	smoking should be near outdoor r...
tp82	1040	5	1.822115 1	8	smoking should be near outdoor c...
tp84	1040	5	2.750962 1	8	smoking should be banned near bu...
tp15	1040	6	2.583654 1	9	there should be a law that says ...
tp35	1040	5	1.946154 1	9	what best represents your view o...
tp65	1040	5	3.842308 1	9	do you think the sale of cigaret...
tp1	1040	5	3.388462 1	9	taxes on cigarettes should be...
tp39a	1040	6	3.425 1	9	the number of retail outlets tha...
tp5	1040	6	2.928846 1	9	to discourage youth and children...
tp38	1040	6	2.209615 1	9	should friends and family who su...
tp54	1040	6	2.825 1	9	should movies that show characte...
tp42	1040	6	3.478846 1	9	should the ontario government su...
tp86	1040	6	2.510577 1	9	the ontario government should ma...
tp85	1040	6	5.475962 1	9	it is acceptable for smokers to ...
tp75a	175	29	23.68571 0	99	the last time you bought cigaret...
tp79	175	9	2.24 0	9	where did you buy them?
trisk1	1040	5	4.15 1	8	smoking cigarettes once in a whi...
trisk2	1040	6	4.393269 0	8	smoking cigars as harmful as cig...
trisk3	1040	7	4.148077 0	9	smoking contraband tobacco as ha...
trisk4	1040	7	4.592308 0	9	smoking tobacco with water pipe ...
trisk5	1040	6	4.376923 0	8	using smokeless tobacco as harmf...
tp92	1040	7	4.458654 0	9	what do you think about adults s...
tp93	1040	7	6.248077 0	9	what do you think about teenager...
tp94	1040	7	3.707692 0	9	what do you think about your fri...
tp95	1040	7	6.040385 0	9	what do you think about people s...
tp96	1040	6	3.933654 0	8	what do you think about people s...
ac1	3039	4	1.84337 1	9	during the past 12 months have y...
ac2	638	2	2.166144 1	5	[non-current drinkers] did you e...
ac5	2401	10	5.936693 1	99	[current drinkers] how often, if...
ac5a	2401	9	5.819242 1	98	[current drinkers] how often, if...
ac6a	2401	17	3.165764 1	99	[current drinkers] during the pa...
five	2401	11	8.615993 1	99	[current drinkers] about how oft...
five30	1066	23	2.873358 0	98	[five=1 thru 8] now what about t...
four	1383	11	9.064353 1	99	[female current drinkers] about ...
ac3	2675	3	3.676636 1	8	[former & current] was there eve...
ac6b	2401	36	8.284048 1	99	[current drinkers] what is the l...
ac10	834	2	.6666667 0	1	[current drinkers] thinking back...
sunday	555	11	1.520721 0	98	how many drinks on sunday?
saturday	555	13	2.906306 0	98	how many drinks on saturday?
friday	556	14	2.922662 0	99	how many drinks on friday?
thursday	554	12	3.902527 0	98	how many drinks on thursday?
wednesday	554	12	2.631769 0	98	how many drinks on wednesday?
tuesday	554	10	2.131769 0	98	how many drinks on tuesday?
monday	555	10	1.917117 0	98	how many drinks on monday?
aud4	2401	7	.1099542 0	9	how often during the last year h...
aud5	2401	7	.1128696 0	9	how often during the last year h...
aud6	2401	7	.0308205 0	9	how often during the last year h...
aud7	2401	7	.1549354 0	9	how often during the last year h...
aud8	2401	7	.1178676 0	9	how often during the last year h...
aud9	2401	4	4.761349 1	8	have you or someone else ever be...
aud0	2401	3	4.78509 1	5	has a relative or friend or a do...
pa51	1040	6	5.153846 1	9	should the ontario government cl...
pa38	1040	6	5.134615 1	9	should local communities should ...
par1	799	6	4.026283 1	9	the ontario government has chang...
par2	799	6	4.558198 1	9	the ontario government has also ...
pa6	1040	4	3.746154 1	9	do you think alcoholic beverages...
pa49	1040	5	4.736538 1	9	do you think there are enough pl...
pal5_min	794	21	32.02393 1	999	minutes from home to liquor or b...
pal5_hr	7	3	2.285714 1	8	hours from home to liquor or bee...
pa75_min	1031	20	38.12609 1	999	hours from home to a business th...
pa75_hr	5	1	1 1	1	hours from home to a business th...
pal5a_min	110	15	19.20909 1	998	minutes from home to liquor store
pal5a_hr	1	1	1 1	1	hours from home to liquor store
pal5b_min	110	15	55.04545 1	998	minutes from home to beer store
pal5b_hr	1	1	1 1	1	hours from home to beer store
pal5c_min	107	14	158.1682 1	998	minutes from home to wine store
pal5c_hr	3	1	1 1	1	hours from home to wine store
lrdg1	1040	4	4.650962 1	9	heard about "low risk drinking g...
lrdg2	103	5	5.058252 1	8	after hearing about the guidelin...
gh1	2110	6	2.372986 1	8	next, we would like to ask you a...

hsla	2110	7	2.089573	1	9	in general, would you say your o...
tc12c	1999	30	5.054527	0	98	number of visits to doctor, past...
gh2r	1999	23	5.504252	0	99	how many days physical health no...
gh3r	1999	25	4.589295	0	99	how many days mental health not ...
whs1	1999	7	1.548274	1	9	difficulty standing for longer t...
whs2	1999	6	1.3997	1	8	difficulty taking care of your h...
whs3	1999	7	1.249125	1	9	difficulty learning a new task
whs4	1999	7	1.406703	1	9	difficulty joining in community ...
whs5	1999	7	1.709855	1	9	affected emotionally by health p...
whs6	1183	6	1.448014	1	8	difficulty concentrating for 10 ...
whs7	1183	6	2.019442	1	8	difficulty walking for a long di...
whs8	1183	6	1.182587	1	8	difficulty washing your whole body
whs9	1183	6	1.19273	1	8	difficulty getting dressed
whs10	1183	6	1.291631	1	8	difficulty dealing with people y...
whs11	1183	6	1.238377	1	8	difficulty maintaining a friendship
whs12	1183	7	1.718512	1	9	difficulty with day-to-day work
tbi1	1999	11	.803902	0	98	how many times had head injury
tbi2	326	2	4.815951	1	5	any head injury in past 12 months?
tbi3	15	4	3.333333	0	6	cause of head injury
drive	1999	3	1.531766	1	8	during the past 12 months, have ...
drl_mi	362	39	4665.856	0	9999	[miles] on average, about how ma...
drl_km	1440	85	264.8181	0	5000	[kilometres] on average, about h...
drlb	168	3	4.720238	1	8	[drl="dk"] well, to start would ...
drlc	68	7	3.397059	1	9	[kilometres] we don't need the e...
drlld	25	5	2.48	1	8	[miles] we don't need the exact ...
dr5	1734	4	.0686275	0	5	during the past 12 months, how o...
dstr1	1734	6	.1412918	0	98	during the past 12 months, how m...
rr5	1734	30	7.10669	0	98	... how many times have you shou...
rr6a	1733	8	.1459896	0	98	still thinking about the past 12...
ddl	1409	3	4.735983	1	7	during the past 12 months, have ...
dd2	94	9	3.521277	0	98	ddl=yes] how many times in the p...
dboat1	1409	3	4.933286	1	7	during the past 12 months, have ...
dsnow1	1409	3	4.953158	1	7	during the past 12 months, have ...
cn1	3039	4	3.52945	1	9	some people use cannabis, mariju...
cn2	1141	11	8.882559	1	99	[cannabis users] how many times,...
cdr1	172	2	4.372093	1	5	during the past 12 months, have ...
cn3m	196	9	2.331633	0	8	how often have you used cannabis...
cn30	129	6	2.410853	0	5	and what about the past 30 days?...
cnas1	129	6	.9922481	0	8	during the past 3 months, how of...
cnas2	129	5	.1705426	0	8	during the past 3 months, how of...
cnas3	129	4	.1162791	0	3	during the past 3 months, how of...
cnas4	129	3	4.302326	1	5	has a friend, relative or anyone...
cnas5	129	3	4.395349	1	5	have you ever tried and failed t...
ck1	2110	4	4.76019	1	9	have you ever used cocaine?
ck2	133	5	8.842105	4	9	number of times used cocaine in ...
gq1	1999	6	3.156078	1	9	over the past few weeks, have yo...
gq2	1999	6	3.121061	1	9	over the past few weeks, have yo...
gq3	1999	5	2.978489	1	8	over the past few weeks, have yo...
gq4	1999	6	3.172086	1	9	over the past few weeks, have yo...
gq5	1999	7	2.870435	0	9	over the past few weeks, have yo...
gq6	1999	6	3.074537	1	9	over the past few weeks, all thi...
gq7	1999	6	2.438719	1	9	over the past few weeks, have yo...
gq8	1999	5	2.569785	1	8	over the past few weeks, have yo...
gq9	1999	6	1.865433	1	9	over the past few weeks, have yo...
gq10	1999	6	1.926963	1	9	over the past few weeks, have yo...
gq11	1999	6	1.661331	1	9	over the past few weeks, have yo...
gq12	1999	6	1.390695	1	9	over the past few weeks, have yo...
ps11	1999	4	4.678339	1	9	in the past 12 months, have you ...
ps16	1999	4	4.670335	1	9	in the past 12 months, have you ...
po1	1999	9	8.350175	1	99	number of times used doctor-pres...
po2	1999	9	9.024512	1	99	number of times used pain reliev...
pr7	76	3	4.894737	1	9	did you ever use pain relievers ...
prs1	52	6	3.442308	1	9	how did you get pain relievers w...
oxy2	76	6	11.85526	1	99	how many times used oxycontin wi...
dpo1	325	4	4.553846	1	8	during the past 12 months, have ...
adh1	1999	7	1.746373	1	9	in the past 6 months, have you h...
adh2	1999	6	1.687344	1	8	in the past 6 months, have you h...
adh3	1999	6	1.69985	1	8	in the past 6 months, have you h...
adh4	1999	7	2.042021	1	9	in the past 6 months, have you d...
adh5	1999	7	2.141571	1	9	in the past 6 months, how often ...
adh6	1999	7	1.893447	1	9	in the past 6 months, have you f...
adh7	1999	7	1.30065	1	9	in the past 6 months, have you l...
adh8	1999	7	2.178589	1	9	in the past 6 months, have you f...
adh9	1999	7	1.668334	1	9	in the past 6 months, have you h...
adh10	1999	7	1.89995	1	9	in the past 6 months, how often ...
adh11	1999	3	4.941471	1	8	ever diagnosed with adhd?
adh12	36	3	2.388889	1	5	ever treated with medication for...
adh12a	6	4	2.333333	1	5	with prescription for adhd medic...
adhnrm	1999	5	9.282641	1	98	in the past 12 months, ever take...
adh12b	25	2	2.76	1	5	treated with medication before 1...
adh12c	6	3	19.16667	1	98	currently on medication
apd1	1999	4	5.063532	1	99	repeatedly skip school, before 1...
apd2	1999	4	5.218109	1	99	repeatedly lie, cheat and steal
apd3	1999	5	5.310655	1	99	start fights and bully others
apd4	1999	4	5.252626	1	99	destroy things and start fires
apd5	1999	4	5.227614	1	99	deliberately hurt animals or people
apd6	13	2	3.153846	1	5	behaved irresponsibly, after 15 ...

apd7	13	2	2.230769	1	5	engage in illegal activities, li...
apd8	13	2	3.461538	1	5	been in physical fights
apd9	13	2	3.461538	1	5	often lied to get money or pleasure
apd10	13	2	3.769231	1	5	put others in danger
apd11	13	2	3.153846	1	5	felt no guilt after harming peop...
crime	1999	4	5.149575	1	99	ever been arrested?
birth	3039	81	2190.393	1914	9999	in what year were you born?
sd2	3039	16	9.028628	1	99	what is the highest level of edu...
sd3	3039	27	28.59822	0	99	what is your religion?
sd5	3039	8	2.496874	1	9	at present are you married, livi...
sd5a	3039	13	3.286607	1	99	including yourself, how many peo...
sd6r	3039	12	3.957552	0	99	are you presently working for pa...
sd6b	120	3	1.591667	1	8	did you ever work for pay in a f...
sd7	2794	3	1.107373	1	9	what is [when you were last empl...
sd7nocs	2752	372	.	.	.	national occupational classifica...
sd7b	3039	5	1.435999	1	9	do you currently have a valid dr...
sd7c	2718	6	3.018764	1	9	type of licence
sd8	3039	29	6.769661	0	99	what language do you usually spe...
sd8a	3039	27	4.278381	0	99	in what country were you born?
sd8b	679	73	2199.985	0	9999	in what year did you first come ...
sd9a	3039	47	22.44554	0	99	to what ethnic or cultural group...
sd9c	2855	34	73.77198	0	98	to what ethnic or cultural group...
sd10	3039	158	507425.5	1900	999999	could you please tell me how muc...
sd10b	1397	12	54.84467	1	99	we don't need the exact amount; ...
q_county	3039	52	30.11287	0	99	in what county or regional munic...
re1	3039	5	3.805528	1	9	do you think this interview was ...
re2	3039	5	1.230339	1	9	overall, would you say that this...
re3a	3039	4	4.539651	1	9	were there any questions which y...
re3b	375	2	3.576	1	8	what were they?
re4	3039	4	4.420862	1	9	were there any instances where y...
re4b	469	2	2.985075	1	8	what were they?
isrlnew	1542	4	4.999351	1	9	is this telephone number a cell ...
isr2new	1529	3	2.383911	1	9	do you have a cell phone?
isr3new	1004	5	4.282869	1	9	if we had called you on your cel...
isr4new_1	797	4	.3061481	0	9	can you please tell me why not? ...
isr4new_2	779	2	.4403081	0	1	can you please tell me why not? ...
isr4new_3	779	2	.0629012	0	1	can you please tell me why not? ...
isr4new_4	779	2	.2323492	0	1	can you please tell me why not? ...
isr4new_5	779	2	.1258023	0	1	can you please tell me why not? ...
isr4new_6	779	2	.0243902	0	1	can you please tell me why not? ...
postcode	3039	2581	.	.	.	
panel	3039	2	1.657782	1	2	questionnaire panel (a; b)
lhln	3039	16	.	.	.	local health integration network
hrsub	3039	139	.	.	.	health district - subdivision of...
wave	3039	4	2.517604	1	4	survey identification
hhwgtc1	731	5	1.	.5055325	2.527663	household weight --cycle 1--2011
rwgtc1	731	6	.999999	.4301737	1.742769	region weight ---cycle 1--2011
rhhwgtc1	731	28	1.018228	.2174668	4.40513	region & household weight --cycl...
hhwgtc2	766	6	1.000014	.4958	2.9748	household weight --cycle 2--2011
rwgtc2	766	6	.9979956	.4491036	1.519856	region weight ---cycle 2--2011
rhhwgtc2	766	31	1.012633	.2226656	4.521268	region & household weight --cycl...
hhwgtc3	780	6	1.005625	.5028127	4.022501	household weight --cycle 3--2011
rwgtc3	780	6	1.000012	.4775	1.3636	region weight ---cycle 3--2011
rhhwgtc3	780	29	1.014142	.2400931	5.226034	region & household weight --cycl...
hhwgtc4	762	7	1.	.5103818	3.572672	household weight --cycle 4--2011
rwgtc4	762	6	.9999902	.4628	1.3932	region weight ---cycle 4--2011
rhhwgtc4	762	33	1.013835	.2362047	4.468699	region & household weight --cycl...
hhwgtall	3039	8	1.	.5028127	4.022501	household weight -- cumulative
rwgtall	3039	6	.999999	.4532409	1.469215	region weight -- cumulative
rhhwgtall	3039	36	1.014067	.2278953	5.909918	region & household weight -- cum...
age	2951	76	53.45544	18	93	respondent's age
sex	3039	2	.3988154	0	1	respondent's gender
agecen4	2951	4	2.915622	1	4	age group (4cats: 2006census)
postwtsta	3039	9	.9657089	.6504497	1.66246	postadjstmnt wght:sex&age
fwghtisr	3039	224	1.013988	.1482344	6.140628	final relative weight: based on ...
fwght	3039	224	1.000003	.14619	6.055937	final relative weight: rhhwgtall ...
xfactor11	3039	1	3112.979	3112.979	3112.979	adjustment factor for expansion...
xwght	3039	224	3112.988	455.0863	18852.01	final expansion (population) wei...
agecat3	2951	3	2.33819	1	3	age recoded(3 cats)
agecatph	2951	4	2.953914	1	4	public health agegroups(4 cats)
agecat5	2951	5	3.549305	1	5	age recoded (5 cats)
agecat4	2951	4	3.273467	1	4	age recoded (4 cats)
agecat2	2951	2	1.909522	1	2	age recoded (2 cats)
regph7	3039	7	4.138532	1	7	public health planning regions
toronto	3039	2	1.834485	1	2	toronto vs. rest of ontario
north	3039	2	.1510365	0	1	north vs. rest of ontario
empcat8	3016	8	2.879642	1	8	employment status (8 cats)
marstat4	3003	4	1.955378	1	4	marital status (4 cats)
mstat4	3003	4	1.789211	1	4	marital status (4 cats)
marstat3	3003	3	1.518815	1	3	marital status(3 cats)
educat4	3002	4	2.845769	1	4	education (4cats)
rur_urb	3039	2	.7992761	0	1	hh location
fsa3	3039	498	.	.	.	forward sortation area - first 3...
lang	3024	3	1.201058	1	3	language spoken at home (recoded)
hincome	3039	12	28.83449	1	99	household income
hincomr	3039	10	28.32675	1	99	hh income - 8 cats
hinccat5	3039	5	3.44258	1	5	household income

sstatus3	3027	3	2.345887	1	3	smoking status (3cats)
sstatus4	3027	4	3.22002	1	4	smoking status (4 cats)
sstatus5	3027	5	3.77106	1	5	smoking status (5 cats)
tobl2m	3027	2	.1595639	0	1	currently smoking (past 30 days)
sdaily	3027	2	.1258672	0	1	currently smoking daily (past 30...
tc6r	476	27	12.15126	0	60	how many cigarettes do you usual...
ncigt	3020	27	1.915232	0	60	# cigs smoked each day -- total ...
ncigcat	476	7	2.516807	0	6	# cigs smoked daily (cats)--all ...
ncigtcat	3020	7	.3966887	0	6	# cigs smoked daily (cats)--tota...
alcstat3	3036	3	1.270092	1	3	current drinking status
alc12m	3036	2	.7908432	0	1	drinker past 12m y/n
aldaily	3023	2	.0770758	0	1	daily drinking - total sample
alclife	3036	2	.9390646	0	1	lifetime drinker- current+ former
formerdk	3036	2	.1482213	0	1	former drinker - never past 12 m
abstain	3036	2	.0609354	0	1	lifetime abstainer
alc30d	3024	2	.6802249	0	1	had a drink past 30 days
fivewk	3019	2	.0589599	0	1	weekly fiveplus -total sample
fivemn	3019	2	.1593243	0	1	monthly fiveplus-total sample
five30bi	3026	2	.1906808	0	1	five plus past 30 days at least ...
qfvol	3001	64	180.1569	0	6552	alcohol volume based on q*f, est...
qfvolwk	3001	64	3.464557	0	126	average nr. of drinks /week - to...
qfvolmn	3001	64	15.01308	0	546	average nr. of drinks /month - t...
wkly15	3001	2	.0436521	0	1	weekly 15+ drinks - total sample...
alcfreq	3023	8	4.134304	0	8	frequency of drinking - total sa...
freqdrk	3023	5	1.903738	0	4	frequency of drinking (5cats)
drkfreq	3023	8	2.889183	0	7	frequency of drinking - total sa...
aud1t	3023	5	1.774396	0	4	how often drink alcohol (past 12...
aud2t	3016	5	.6501989	0	4	how many drinks, days when drank...
aud3t	3019	5	.5760185	0	4	how often 5 + drks (past 12m) - ...
aud4t	3029	5	.0600858	0	4	how often you were not able to s...
aud5t	3024	5	.0492725	0	4	how often have you failed to do ...
aud6t	3035	5	.0135091	0	4	how often have you needed a firs...
aud7t	3034	5	.1087673	0	4	how often have you had a feeling...
aud8t	3036	5	.0849802	0	4	how often have you been unable t...
aud9t	3038	3	.1277156	0	4	have you or someone else ever b...
aud10t	3039	3	.124383	0	4	someone suggest cut-down drinkin...
audit	2965	29	3.504216	0	35	audit sum score (0-40)- total sa...
audit8	2965	2	.1136594	0	1	audit 8+ total sample
auditc	2988	13	2.989625	0	12	auditc (consumption) sum score (...)
auditp	3011	19	.5426769	0	24	auditp (problems) sum score (0-2...
auditpr	3011	4	.3530389	0	3	auditp (problems) - 4 cats
auditd	3016	10	.1170424	0	12	auditd (dependence) sum score (0...
auditdr	3016	2	.0593501	0	1	auditd (dependence) (binary 0-1)
auditac	3031	13	.4407786	0	12	auditac (adverse consequences) s...
auditacr	3031	4	.3210162	0	3	auditac (adverse consequences) -...
ac10r	1040	2	.5346154	0	1	in the past 7 days, how many dri...
sun	1037	10	.5303761	0	15	how many drinks did you have on ...
sun3dk	1037	2	.0520733	0	1	3+ drinks on sunday (wheel) - to...
sun4dk	1037	2	.0279653	0	1	4+ drinks on sunday (wheel)- tot...
sat	1032	12	.8032946	0	15	how many drinks did you have on ...
sat3dk	1032	2	.1017442	0	1	3+ drinks on saturday (wheel) - ...
sat4dk	1032	2	.0629845	0	1	4+ drinks on saturday (wheel) - ...
fri	1031	12	.7196896	0	14	how many drinks did you have on ...
fri3dk	1031	2	.0843841	0	1	3+ drinks on friday (wheel) - to...
fri4dk	1031	2	.0514064	0	1	4+ drinks on friday (wheel)- tot...
thur	1021	11	.2938296	0	12	how many drinks did you have on ...
thur3dk	1021	2	.0254652	0	1	3+ drinks on thursday (wheel)- t...
thur4dk	1021	2	.0166503	0	1	4+ drinks on thursday (wheel)- t...
wed	1028	11	.2743191	0	12	how many drinks did you have on ...
wed3dk	1028	2	.0272374	0	1	3+ drinks on wed (wheel)- total ...
wed4dk	1028	2	.0175097	0	1	4+ drinks on wed (wheel)- total ...
tue	1031	9	.2900097	0	12	how many drinks did you have on ...
tue3dk	1031	2	.028128	0	1	3+ drinks on tuesday (wheel)- to...
tue4dk	1031	2	.0126091	0	1	4+ drinks on tuesday (wheel) - t...
mon	1032	9	.2713178	0	12	how many drinks did you have on ...
mon3dk	1032	2	.0271318	0	1	3+ drinks on monday (wheel) - to...
mon4dk	1032	2	.0106589	0	1	4+ drinks on monday (wheel)- tot...
alc7d	1004	34	3.067729	0	84	total # of drinks/ past 7days
alc16wk	1004	2	.0368526	0	1	16 drinks or more per week for m...
alc11wk	1004	2	.0856574	0	1	11 drinks or more per week for w...
lrdcrn	1004	2	.0537849	0	1	exceeding weekly drinking new gu...
drk3	1004	2	.1733068	0	1	exceeding 3+ daily drinking guid...
drk4	3003	2	.03663	0	1	exceeding 4+ daily drinking guid...
lrdg2011	1004	2	.1513944	0	1	exceeding lrdg (revised recodin...
dkstat	3019	4	1.200729	0	3	drinking pattern - based on five...
alc15wk	1004	2	.0448207	0	1	more than 15 drinks per week for...
alc10wk	1004	2	.0856574	0	1	more than 10 drinks per week for...
lrdcr	1004	2	.060757	0	1	exceeding weekly drinking guidel...
lrdg1997	1004	2	.1782869	0	1	exceeding lrdg (original recodin...
driver	3034	2	.8994726	0	1	driver (valid licence past 12m)
dkdriv	1814	2	.0518192	0	1	drinking and driving - valid dri...
dkdriv30	1812	2	.0286976	0	1	drinking and driving past 30 day...
candriv	1816	2	.0148678	0	1	cannabis use and driving - valid...
ddboat	1814	2	.0159868	0	1	drinking and boating past 12m - ...
ddsnow	1814	2	.0110254	0	1	drinking and snow-mobil past 12m...
canlife	3013	2	.3786923	0	1	used cannabis lifetime y/n
can12m	3005	2	.0981697	0	1	used cannabis past 12 m -total s...

canstat	3039	5	.5465614 0	9	used cannabis life/past 12 m -to...
ascan1	1998	5	.1446446 0	6	how often used cannabis past 3 m...
can3m	1998	2	.0645646 0	1	used cannabis past 3 m -total
ascan2	1997	5	.1011517 0	6	how often strong desire to use c...
ascan3	1998	4	.0175175 0	6	how often use of cannabis led to...
ascan4	1999	4	.0275138 0	7	how often failed to do what was ...
ascan5	1999	3	.0675338 0	6	has a friend or relative ever ex...
ascan6	1999	3	.0630315 0	6	have you ever tried and failed t...
asistcan	1995	22	.4085213 0	31	cannabis assist score (0-39)- tot...
asistcn3	1995	3	.0370927 0	2	risk level for cannabis problems...
asistcn2	1995	2	.0360902 0	1	risk level for cannabis problems...
cocliffe	2103	2	.063243 0	1	used cocaine lifetime y/n
cocl12m	2103	2	.0052306 0	1	used cocaine past 12 m -total sa...
ghq1	1989	4	1.065359 0	3	past few weeks: able to concentrate
ghq2	1934	4	.9782834 0	3	past few weeks: felt playing use...
ghq3	1982	4	.9677094 0	3	past few weeks: felt capable ma...
ghq4	1992	4	1.077309 0	3	past few weeks: able to enjoy d...
ghq5	1989	4	.9426848 0	3	past few weeks: able to face up...
ghq6	1985	4	1.019647 0	3	past few weeks: feeling reasona...
ghq7	1990	4	.7065327 0	3	past few weeks: lost much sleep...
ghq8	1979	4	.7574533 0	3	past few weeks: felt constantly...
ghq9	1977	4	.3980779 0	3	past few weeks: felt couldnot o...
ghq10	1993	4	.4540893 0	3	past few weeks: feeling unhappy...
ghq11	1985	4	.3078086 0	3	past few weeks: losing confiden...
ghq12	1981	4	.1645634 0	3	past few weeks: thinking as sel...
ghq12l	1999	35	8.758379 0	36	ghq12 likert summary score (0-36)
ghq1_bi	1989	2	.1045752 0	1	past weeks:able to concentrate (...)
ghq2_bi	1934	2	.0770424 0	1	past weeks:felt playing useful p...
ghq3_bi	1982	2	.037336 0	1	past weeks:capable making decisi...
ghq4_bi	1992	2	.122992 0	1	past weeks:enjoy daily activitie...
ghq5_bi	1989	2	.0482655 0	1	past weeks:able face problems (b...
ghq6_bi	1985	2	.1163728 0	1	past weeks:feeling happy (binary)
ghq7_bi	1990	2	.1356784 0	1	past weeks:lost sleep over worry...
ghq8_bi	1979	2	.1576554 0	1	past weeks: felt constant stress...
ghq9_bi	1977	2	.0596864 0	1	past weeks:felt couldnot overcom...
ghq10_bi	1993	2	.0923231 0	1	past weeks:feel unhappy/depresse...
ghq11_bi	1985	2	.061461 0	1	past weeks:losing self-confidenc...
ghq12_bi	1981	2	.0287733 0	1	past weeks:think worthless perso...
ghq12bi	1999	13	1.033517 0	12	sum score ghq binary items (0-12)
ghq3plus	1999	2	.1425713 0	1	ghq score 3+
ghqsd	1999	19	2.768384 0	18	depression subscale of ghq
ghqsf	1999	19	5.989995 0	18	social functioning subscale of ghq
fairhlt	2106	2	.1471985 0	1	percent reporting fair or poor h...
fairmhl	2102	2	.0713606 0	1	percent reporting fair or poor m...
unhltpd	1953	21	3.324629 0	30	physically unhealthy days- past ...
unhltd	1959	23	2.679939 0	30	mentally unhealthy days - past 3...
unhltd	1928	30	5.358921 0	30	sum of physically and mentally u...
mentdisd	1959	2	.071465 0	1	frequent mental distress days - ...
ps11t	1995	2	.0822055 0	1	past 12 months - prescription me...
ps16t	1990	2	.0864322 0	1	past 12 months - prescription me...
pr12m	1982	2	.2391524 0	1	used any pain relievers past 12 ...
nmpr12m	1993	2	.0381335 0	1	past 12m - used any non-medical ...
prhil2m	1978	2	.0015167 0	1	used pain relievers to get high ...
nmoxyl2m	1990	2	.0035176 0	1	past 12m - used non-medical oxyc...
imig	3001	2	.2262579 0	1	born outside canada
recimig	3020	2	.0738411 0	1	recent immigrant - came after 1990
kms	1557	112	263.2927 0	5280	
kms_100	1557	112	2.632927 0	52.8	

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Appendix A

Summary of ARF and CAMH Adult Population Surveys

Table A1. ARF/ CAMH - Ontario Adult Population Surveys, 1977-2010

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
1977	Face-to-face	Gallup	Modified-probability design: The sample design incorporated stratification by six community size groups, based on the most recent census data: cities of 500,000 population and over; those between 100,000 and 500,000; 30,000 to 100,000; 10,000 to 30,000; 1,000 to 10,000, and rural farm and rural non-farm areas. The population was arrayed in geographic order, by census enumeration areas. Enumeration areas, on the average, contain about 500 to 1,000 people. Up to 105 enumeration areas were selected randomly from this array. Within urban centres, a random block sampling procedure was used to select starting points for interviewers. The interviewer was provided with a map of the enumeration area, showing the location of the starting point and was required to follow a specified route in the selection of households. Within the household, the youngest male, 18 years and over at home at the time of the interview, was surveyed. If there is no male available, or when the male quota was completed, the youngest available female, 18 years and over, was interviewed. The selection of rural and rural non-farm interviewing locations followed the sample design established for the urban centres in terms of geographic dispersion and random selection of enumeration areas. Because of the low population density and wide dispersion of households, the random block sampling procedure was replaced by quota sampling based on sex and age. Sampling weights for the 1977 through 1989 surveys employed post-stratification adjustments according to the gender and age distribution according to the most recent census year.	N=1,059 Periodic: June 16-18	NA		(Smart & Goodstadt, 1977)
1982	Face-to-face	Gallup		N=1,040 Periodic: Feb. 22-28	NA		(Smart & Adlaf, 1982)
1984	Face-to-face	Gallup		N=1,050 Periodic: Feb. 27-March 3	NA		(Smart & Adlaf, 1984)
1987	Face-to-face	Gallup		N=1,084 Periodic: Jan. 8-23	NA		(Smart & Adlaf, 1987)
1989	Face-to-face	Gallup		N=1,101 Periodic: Feb. 11 - March 4	NA		(Adlaf & Smart, 1989)
1991	Telephone	ISR	Full-probability RDD: The survey used random-digit-dialling (RDD) techniques through Computer Assisted Telephone Interviewing (CATI) methods. The design employed a <i>single-strata, two-stage probability RDD survey</i> fielded during a 2-3 month period. Stage 1: From a sampling frame of all active area codes and exchanges in Ontario provided by the ATT Long Lines Tape, a random sample of telephone numbers was selected with equal probability. Stage 2: Within selected telephone households, one respondent was selected according to the most recent birthday of household members. A minimum of 12 call-backs were made to each nonresponding household, and all households who refused to participate were re-contacted in order to secure participation. Sampling weights were a function of the number of household members.	N=1,047 Periodic: Feb 20-March 18	RR=67% Deff=1.14	1 SE strata; 1047 SECU; 1046 design df	(Adlaf et al., 1991)
1992	Telephone	ISR		N=1,058 Periodic: June 14- Aug 20	RR=63% Deff=1.19	1 SE strata; 1058 SECU; 1057 design df	(Ferris et al., 1994)
1993	Telephone	ISR		N=1,034 Periodic: April 19- May 24	RR=65% Deff=1.10	1 SE strata; 1034 SECU; 1033 design df	(S. Bondy, 1994)

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
1994	Telephone	ISR		N=2,022 Periodic: March 1-May 5	RR=63% Deff=1.16	1 SE strata; 2022 SECU; 2021 design df	(Adlaf et al., 1994; Paglia, 1995)
1995	Telephone	ISR		N=994 Periodic: March 28-May 9	RR=62% Deff=1.16	1 SE strata; 994 SECU; 993 design df	(Anglin, 1995)
1996	Telephone	ISR	Ontario Drug Monitor (ODM) Full-probability monthly RDD: The survey used RDD techniques through CATI methods. The design employed a rolling monthly <i>two-stage probability RDD survey</i> stratified by six geographical/area-code regions with sample sizes allocated equally (disproportionally). Stage 1: From a sampling frame of all active area codes and exchanges in Ontario provided by the ATT Long Lines Tape, within each regional stratum a random sample of telephone numbers was selected with equal probability. Stage 2: Within selected telephone households, one respondent was selected according to the most recent birthday of household members. A minimum of 12 call-backs were made to each nonresponding household, and all households who refused to participate were re-contacted in order to secure participation. Twelve monthly samples were cumulated to provide annual estimates. Sampling weights were a function of the number of household members, regional probabilities and month.	N=2,721 Rolling: April 8- Jan 8	RR=64%	6 SE strata; 2721 SECU; 2715 design df	(Adlaf, Ivis, Bondy et al., 1997)
1997	Telephone	ISR		N=2,776 Rolling: Jan 14- Dec 21	RR=67%	6 SE strata; 2776 SECU; 2770 design df	(Adlaf, Ivis, & Ialomiteanu, 1998)
1998	Telephone	ISR		N=2,509 Rolling: Jan 21- Dec 20	RR=69%	6 SE strata; 2509 SECU; 2503 design df	(Adlaf, Paglia, & Ialomiteanu, 1999; Adlaf, Paglia, Ivis et al., 1999)
1999	Telephone	ISR		N=2,436 Rolling: Jan 20- Dec 21	RR=69%	6 SE strata; 2436 SECU; 2430 design df	(Adlaf & Ialomiteanu, 2001a; Adlaf et al., 2000)
2000	Telephone	ISR	CAMH Monitor (CM) Full-probability monthly RDD: The survey used RDD techniques through CATI methods. The design employed a rolling monthly <i>two-stage probability list-assisted RDD survey stratified by six geographical/area-code regions</i> with sample sizes allocated equally (disproportionally). A list of telephone numbers in Ontario can be constructed from CD-ROM versions of telephone books and the other commercially available lists of telephone numbers. Numbers from these sources, as well as telephone numbers between or on either side of listed numbers are included in the sampling frame. Since unlisted numbers, cell phone numbers and newly published numbers are interspersed among published numbers, this strategy provides a much better sample than one based on listed numbers alone.	N=2,406 Rolling: Jan 20- Dec 21	RR=61%	6 SE strata; 2406 SECU; 2400 design df	(Adlaf & Ialomiteanu, 2001b; Adlaf et al., 2001)
2001	Telephone	ISR		N= 2627 Rolling: Jan 25- Dec 20	RR=61%	6 SE strata; 2627 SECU; 2621 design df	(Adlaf & Ialomiteanu, 2002a, 2002b)
2002	Telephone	ISR		N= 2421 Rolling: Jan 10- Dec 22	RR=58%	6 SE strata; 2421 SECU; 2415 design df	(Adlaf & Ialomiteanu, 2003)

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
2003	Telephone	ISR		N= 2411 Rolling: Jan 10- Dec 30	RR=58%	6 SE strata; 2411 SECU; 2405 design df	(Ialomiteanu & Adlaf, 2004)
2004	Telephone	ISR		N= 2611 Rolling: Jan 03- Dec 30	RR=59%	6 SE strata; 2611 SECU; 2605 design df	(Adlaf et al., 2008; Ialomiteanu & Adlaf, 2005)
2005	Telephone	ISR		N= 2445 Rolling: Jan 10- Dec 22	RR=61%	6 SE strata; 2445 SECU; 2439 design df	(Adlaf et al., 2008; Ialomiteanu & Adlaf, 2006)
2006	Telephone	ISR		N= 2016 Rolling: Jan 03- Dec 30	RR=61%	6 SE strata; 2016 SECU; 2010 design df	(Ialomiteanu & Adlaf, 2007)
2007	Telephone	ISR		N= 2005 Rolling: Jan 02- Dec 30	RR=53%	6 SE strata; 2005 SECU; 1999 design df	(Ialomiteanu & Adlaf, 2008; Ialomiteanu et al., 2009)
2008	Telephone	ISR		N= 2024 Rolling: Jan 05- Dec 28	RR=55%	6 SE strata; 2024 SECU; 2018 design df	(Ialomiteanu & Adlaf, 2009)
2009	Telephone	ISR		N=2037 Rolling: Jan 2- Dec 30	RR=57%	6 SE strata; 2037 SECU 2031 design df	(Ialomiteanu & Adlaf, 2010; Ialomiteanu et al., 2011)
2010	Telephone	ISR		N=3030 Rolling: Jan 2- Dec 28	RR=51%	6 SE strata; 3030 SECU 3024 design df	(Ialomiteanu & Adlaf, 2010)
Notes: ARF , Addiction Research Foundation; ISR= Institute for Social Research, York University, RR = unweighted unit response rate; Deff = average design effect; SE = standard error; SECU =Standard Error Calculation Unit (respondents).							

Table A2: Key Design and Interview Modifications to the CAMH Adult Population Survey Program

Year	Key Design Changes	Key Interview Changes
1977	Population survey program initiated with in-home face to face interviews drawn from a multistage area sample administered by Gallup Canada	
1982		
1984		Cocaine introduced
1987		
1989		
1991	FtF, in-home interview vs telephone mode comparison study	
1991	Migration to two-stage, RDD landline telephone survey ISR begins role as data producer	English and French CATI introduced
1992		
1993		
1994		
1995		
1996	Rolling monthly samples introduced, resulting in 12-month cumulated data sets (prior surveys employed periodic fieldwork of 2-3 months) Annual sample size increased to exceed 2400; Regional stratification becomes equally allocated (vs proportional allocation or non-stratification used in earlier surveys);	CATI begins continuous monthly administration Bi-Panels (A & B) introduced Panel A = January – June Panel B = July – December Tobacco module introduced Drinking & driving introduced
1997		Prescription anti-anxiety and anti-depressant use introduced
1998		CATI becomes English only AUDIT introduced
1999	CAMH Monitor series begins	Mental health and gambling modules introduced
2000	Stage 1 selection revised to list-assisted RDD, thus including mobile, unlisted and newly-listed numbers now in sampling frame	ASSIST-CIS introduced GHQ12 introduced
2001		
2002		Cannabis driving introduced Accident or collision while driving introduced
2003		HRQoL introduced Past 7 days drinking introduced Immigrant status introduced
2004		
2005		5/4 binge measure begins data collection
2006	Target sample reduced to 2000 annual completions	Passenger with impaired driver introduced
2007		

Year	Key Design Changes	Key Interview Changes
2008	Pre-notification letter pilot begins in Toronto	Opioid pain reliever module introduced
2009	Pre-notification letters introduced to full sample	
2010	Target sample increased to 3000 annual completions	Annual Panels introduced: Panel A=1000; Panel B =2000 (both panels January-December)
2011		
2012		Ethnicity items revised (race added)

Notes: FtF: Face to Face; RDD: Random-Digit Dialling; ISR: Institute for Social Research, York University; CATI: Computer Assisted Telephone Interview; AUDIT: Alcohol Use Disorder Identification Test; ASSIST-CIS: Alcohol, Smoking and Substance Involvement Screening Test; GHQ12: General Health Questionnaire (12 items); HRQoL: Health Related Quality of Life.

Appendix B

**The 2011 “Advance Letter”
(mailed-out to respondents one month before the survey)**

33 Russell Street
Toronto, Ontario
Canada M5S 2S1
Tel.: 416.535.8501

33, rue Russell
Toronto (Ontario)
Canada M5S 2S1
Tel.: 416.535.8501

www.camh.net



«Month», 2011

The «Name1» Household

«Address»

«City» «PROV» «Postal»

We are sending this letter to let you know that in the next few days you will receive a telephone call from the Survey Centre at York University's Institute for Social Research asking you to participate in a research project.

For more than 30 years, the Centre for Addiction and Mental Health (CAMH) has been conducting research on alcohol, tobacco and other drug use and how trends in use and public opinion have changed over time. Should you wish to learn more about the Centre for Addiction and Mental Health (CAMH), please visit the web site: <http://www.camh.net>. If you wish to know more about the survey, please call the **Institute for Social Research** (toll free) at 1-888-847-0148 or at 416-736-5393, or **Anca Ialomiteanu** at CAMH at 416-535-8501 ext.6997. If you wish to view survey results, please visit the web site: http://www.camh.net/Research/camh_monitor.html

A PAHO/WHO
Collaborating Centre
*Un Centre collaborateur
OPS/OMS*

*Affiliated with the
University of Toronto
Affilié à l'Université
de Toronto*

The information collected in the CAMH Monitor is used to build knowledge about addiction and mental health issues, evaluate health programs, and help create health and social policies in Ontario. The confidentiality of the information gathered by the survey is protected by the law. All answers to the survey questions will be kept strictly confidential. All the data obtained by this survey will be used for statistical purposes only.

It is only with the assistance of people like you that the research can be successful. Thank you in advance for your time and consideration.

Sincerely,

Robert Mann, PhD

Senior Scientist, Public Health and Regulatory Policies,
Centre for Addiction and Mental Health,
Director, Collaborative Program in Addiction Studies &
Associate Professor of Public Health Sciences, University
of Toronto, Canada
Theme Coordinator, Societal Issues, AUTO21 Network of
Centres of Excellence
33 Russell Street, Room T416
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Tel: 416-535-8501 Ext. 4496
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Appendix C

2011 CAMH Monitor Questionnaire

The 2011 CAMH Monitor: Question Allocation

Item name	Variable Description	Core	Panel A	Panel B
		Items	Items	Items
		A+B		
		Jan - Dec	Jan - Dec	Jan - Dec
1	Tobacco Block			
A	Consumption			
	Smoking Status (tc1- tc7)			
tc1	At the present time, do you smoke...?	1		
tc2	Have you smoked 100 cigs?	1		
tc3	Have you ever smoked daily?	1		
tc4	Age of onset	1		
tc5	How long ago you smoked?	1		
tc6	How many cigs smoked daily	1		
tc7	How soon after wake up do you smoke?	1		
	Occasional Smoking (tos1-tos2)			
tos1	How many cigarettes?	1		
tos2	On how many days (last 30d) did you smoke?	1		
	Smoking Cessation (tc8-tc10; tq2)			
tc8	Past 12 month serious attempt? (tc8)	1		
tc9	Intent in 6 months? (tc9)	1		
tc10	Intent in 30 days? (tc10)	1		
	Flexible Tobacco Content			
	3 items	3		
B	Tobacco Policy (Panel A only - OTRU)			
	Policy items		44	
2	Alcohol			
	Use (10 items)			
ac1	During the past 12 months have you had a drink?	1		
ac2	Did you EVER have a drink of any alcoholic beverage?	1		
ac5	How often, if ever, did you drink alcoholic beverages	1		
	during the past 12 months?			
ac5a	How often, if ever, did you drink alcoholic beverages	1		
	during the past 30 days?			
ac6a	On those days when you drank, how many drinks did	1		
	you usually have? (pasat 12 m)			
five	About how often in the past 12 m you had 5 or	1		
	more drinks at the same sitting			
five30	About how often in the past 30 days you had 5 or	1		
	more drinks at the same sitting			
four	About how often in the past 12 m you had 4 or	1		
	more drinks at the same sitting (women only)			
ac3	Was there ever a time when you drank 5 or more drinks	1		
	on one occasion at LEAST ONCE A WEEK			
ac6b	What is the largest number of drinks you can recall	1		
	having on one occasion during the past 12m?			

Item name	Variable Description	Core	Panel A	Panel B
		Items	Items	Items
		A+B		
		Jan - Dec	Jan - Dec	Jan - Dec
	Past week drinker-wheel (8 items) - Panel A			
ac10	Over the past 7 days, how many drinks you had each day.		1	
sun -sat	How many drinks did you have on Sun ...Sat		7	
	AUDIT (7 items: aud4-aud0)	7		
aud4	How often during the past 12 months have you found you were not able to stop drinking once started			
aud5	How often in the past 12 m have you failed to do what was expected from you because of drinking			
aud6	How often past 12 m have you needed a first drink in the morning...			
aud7	How often past 12 m have you had a feeling of guilt or remorse after drinking			
aud8	How often past 12 m have you been unable to remember what happened the night before			
aud9	Have you or someone else EVER been injured as a result of your drinking?			
aud10	Has a relative, friend, doctor EVER been concerned about your drinking or suggested you cut down?			
	Alcohol Policy (Panel A)		15	
	3 Driving (Panel B)			
drive	During the past 12 months, have you driven a car, van,... or any other type of motor vehicle?			1
dr1,a,b,c,d	How much you drive in a typical WEEK - Km/ miles....			5
dr5	During the past 12 months, have you been in a collision			1
str1	Street racing			1
	Drinking & driving (past 12m)			
dd1	During the past 12 m, have you driven a motor vehicle after having 2 or more drinks in the previous hour			1
dd2	How many times in THE PAST 30 DAYS?			1
dboat,	Boating, snowmobile, (NEW)			2
	Road Rage (Panel B only) (2 items only)			2
	4 Cannabis			
cn1	Cannabis lifetime use	1		
cn2	Cannabis last 12 months	1		
	Cannabis Use & Driving (Panel B)			
cdr1	Driving after cannabis use (past 12 months)			1
cdr2	Number of times (past 30 d)			1
	Dependence/Problems (Panel B)			
can3m/cud1	Use past 3 m			1
cn30	Use past 30 d			1

Item name	Variable Description	Core	Panel A	Panel B
		Items	Items	Items
		A+B		
		Jan - Dec	Jan - Dec	Jan - Dec
	ASSIST-CIS			5
cnas1	Strong desire to use			
cnas2	Use led to health, social, legal probl			
cnas3	Failed to do what was normally expected			
cnas4	Smn expressed concern			
cnas5	Tried and failed to cut down or stop using			
	5 Cocaine			
ck1	Cocaine lifetime use	1		
ck2	Cocaine last 12 months	1		
	6 General Health			
gh1	General health good, ...?	1		
dv1	doctor visits (Panel B)			1
hs1a	Mental health good,...?	1		
	HRQoL (Panel B)			
gh2r	Nr. days, past 30 days, physical health not good			1
gh3r	Nr. days, past 30 days, mental health not good			1
gh4	Nr. days, past 30 days, mental health kept from doing...			1
	7 Mental Health (GHQ-12) (Panel B)			12
gq1	Able to concentrate			
gq2	Played useful part in things			
gq3	Felt capable of making decisions			
gq4	Able to enjoy day-to-day activities			
gq5	Able to face up to problems			
gq6	Felt reasonable happy			
gq7	Lost sleep because of worry			
gq8	Felt constantly under strain			
gq9	Felt you could not overcome your difficulties			
gq10	Felt unhappy and depressed			
gq11	Lost confidence in yourself			
gq12	Thought of yourself as worthless person			
	8 Psychotherapeutics (anxiety, depression med)			
	Past 12m use			2
	9 Pain Relievers (NEW items - from OSDUHS)			
	Any use (PO, ADHD, Oxycontin)			3
	Non-medical use (PO, ADHD, Oxycontin)			3
	PR & driving			
	10 ADHD (Attention Deficit Hyperactivity Disorder)			
	ADHD (10 item screener)			10
	ADHD (medication)			5
	ASPD (Antisocial personality disorder)			12
	11 WHO-DAS (Disability)			11

Item name	Variable Description	Core	Panel A	Panel B
		Items	Items	Items
		A+B		
		Jan - Dec	Jan - Dec	Jan - Dec
12	Traumatic brain injury (St. Michael's Hosp)			2
13	Demographics	24		
age/birth	Age			
rgender	Gender			
d2	Highest level of education			
sd3-4	Religion			
sd5	Married/widowed/divorced ...			
sd5a	Household, number of people			
sd6-sd6b	Present/past work			
sd7	Main occupation			
sd7b	Valid driver's licence			
sd8	Language spoken at home			
sd9a-sd9c	Ethnic/ cultural group			
sd10	Household income			
sd16r	Internet use			
sd8a	Immigrant - what country			
sd8b	Immigrant -when did come to Canada			
pcod-pcd9.2/	Postal code			
postcode				
ISR1-ISR3	Separate telephone numbers/ household			
cty1-cty5	County/regional municipality			
county				
re1 - re4	Respondent Evaluations			
	Total (Unique items)	62	67	88
	TOTAL Items	217	129	150

Ontario CAMH MONITOR - 2011

PANELS A + B January – December 2011

[# The sample is randomly split in 3; Each household = random 1, 2, or 3]

[#If Random = 1 go to Panel A, If Random = 2 OR Random =3 go to Panel B]

[# If panel=1, Panel A, panel=2, Panel B]

>gend< [return][open cb][allow 1][loc 45/1]

[setkey <esc> to <skcb>]

[setkey <f7> to <j>]

[define <d><8>][define <r><9>]

[bold][yellow] INTERVIEWER: Enter respondent's gender please
[n][white]

1 Male

5 Female

d Don't know

@

[@] <1,5,d>

[store gend in RGENDER]

>panel< [goto ck_panel]

[bold][yellow] INTERVIEWER: Enter Panel to test please
[n][white]

1 Panel A

2 Panel B

@

[@] <1-2> [#goto tc1]

>ck_panel< [if RANDOM1 eq <1>][store <1> in
panel][endif][#Panel A]

[if RANDOM1 gt <1>][store <2> in panel][endif][#Panel
B]

[# ===== TOBACCO CONSUMPTION =====] [# ==
ALL Panels ==]

>tc1< [# ask all][define <d><8>][define <r><9>]

[r] First, I'd like to begin with some questions about cigarette
smoking. [n]

[r] At the present time do you smoke cigarettes daily, occasionally,
or [n]

[r] not at all? [n]

1 Daily

3 Occasionally

5 Not at all

d Don't Know r Refused

@

[@] <1> [goto tc4]

<3,5,d,r>

>tc2<

[r] Have you smoked at least 100 cigarettes in your life?
[n]

[bold][yellow]

Interviewer, if necessary: "100 cigarettes is about 5 packs."

[n][white]

1 Yes

5 No

d Don't Know r Refused

@

[@] <1>

<5,d,r> [goto tp97]

>tc3<

[r] Have you ever smoked cigarettes daily?
[n]

1 Yes

5 No

d Don't Know r Refused

@

[@] <1>

<5,d,r> [goto tc5]

>tc4< [# ask daily smokers only]

[define <d><98>][define <r><99>]

[r] How old were you when you first started smoking daily?
[n]

5-70 Enter age

71 71 or older

d Don't Know r Refused

@

[@] <5-71,d,r>

>tc5< [if tc1 eq <1>][goto tc6][endif]

[define <d><8>][define <r><9>]

[r] How long ago was it that you last smoked: was it less than one
week ago, [n]

[r] less than one month, 1 to 6 months, 7 to 11 months, 1 to 5
years, or more [n]

[r] than 5 years ago? [n]

[bold][yellow]

INTERVIEWER: If respondent gives AGE, ask how many
YEARS AGO that was.

[n][white]

0 Less than one week

1 more than one week but less than a month
 2 1 to 6 months
 3 7 to 11 months
 4 1 to 5 years
 5 more than 5 years

d Don't Know r Refused
 @

[@] <0,1>
 <2-5,d,r> [goto tp97]

>tc6< [if tc1 ge <5>][goto tp97][endif]
 [if tc1 ge <3>][goto tc7][endif]
 [define <d><98>] [define <r><99>]

[r] How many cigarettes do you usually smoke each day?

[bold][yellow]
 INTERVIEWER: 1 large pack = 25 cigarettes; 1 small pack =
 20 cigarettes
 [n][white]

0 Less than one a day

1-97 Enter number of cigarettes

d Don't Know r Refused
 @

[@] <0-97,d,r>

>tc7< [if tc1 eq <3>][goto tos1][endif]
 [define <d><8>][define <r><9>]

[r] How soon after you wake up do you usually smoke your first
 cigarette: within[n]
 [r] 5 minutes, from 6 to 30 minutes, from 31 to 60 minutes, or after
 60 minutes?[n]

1 within 5 minutes
 3 6 to 30 minutes
 5 31 to 60 minutes
 7 after 60 minutes

d don't know r refused
 @

[@] <1,3,5,7,d,r>

[#==== OCCASIONAL SMOKING: tos1; tos2
 =====]

[#NEW in 2005, used in CCHS]

>tos1< [#new in 2005]
 [if tc1 ne <3> goto tc8][#ask only occasional smokers,if tc1 eq
 <3>]
 [define <d><98>][define <r><99>]

[r] On those days that you do smoke, about how many cigarettes
 do you [n]
 [r] usually have? [n]

0-60 enter number

d don't know r refused
 @

[@] <0-60,d,r>

>tos2< [#new in 2005]

[r] On how many of the last 30 days did you smoke one or more
 cigarettes? [n]

0 none

1-30 enter number

d don't know r refused
 @

[@] <0,d,r>
 <1-30>

>tc8< [define <d><98>][define <r><99>] [# ask all current
 smokers]

[r] In the past 12 months, how many times have you made a
 serious attempt to [n]
 [r] quit smoking cigarettes? [n]

[bold][yellow]
 IF NECESSARY: A serious attempt would mean you quit
 smoking for at least
 24 hours.
 [n][white]

0 No attempts

1-96 Enter exact number
 97 97 or more

d Don't Know r Refused
 @

[@] <0-97,d,r>

>tc9< [define <d><8>] [define <r><9>]

[r] Are you intending to quit smoking in the next SIX MONTHS?
 [n]

[bold][yellow]
 INTERVIEWER: "Yes we mean quitting altogether"
 [n][white]

1 yes
 5 no

d Don't Know r Refused
 @

[@] <1>
 <5,d,r> [goto tc11]

>tc10<

[r] Are you intending to quit in the next THIRTY DAYS?
[n]

1 yes
5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

[# == CIGARS =====]

>tc11< [define <d><98>][define <r><99>] [#ask all] [#started in
98]

[r] On how many of the last 30 days did you smoke one or more
cigars or [n]
[r] cigarillos? [n]

0 none

1-30 enter number

d don't know r refused
@

[@] <0,d,r> [goto tp97]
<1-30>

>tc15< [#started in 98]

[r] On those days that you smoked cigars or cigarillos, how many
did you [n]
[r] typically smoke? [n]

0-30 enter number

d don't know r refused
@

[@] <0-30,d,r>

[#SECOND-HAND SMOKE EXPOSURE in multi-unit dwellings
(MUDs, new2011,asked in OTS)]
[# == ALL Panels ==]

>tp97< [# ask all][define <d><8>][define <r><9>]

[r] Which of the following best describes your main residence?
[n]

[r] Would you say: [n]

[r] 1 A detached, single family home [n]

[r] 2 An attached house (such as a townhouse, or a semi-detached
house) [n]

[r] 3 A multiple unit dwelling (such as an apartment building, a
condominium [n]

[r] apartment, or a duplex) [n]

[r] 4 Shared accommodation (such as a rooming house, dorm, or
retirement home)[n]

1-4 enter answer
5 Other specify

d Don't Know r Refused
@

[@] <1,d,r> [goto SMOKE_FLAG]
<2-4>
<5>[specify][goto SMOKE_FLAG]

>tp98< [#ask if tp97 eq 2, 3, or 4] [#if tp97 eq <2-4>]

[r] In the past 6 months, how often, if at all, have you noticed any
tobacco [n]

[r] smoke entering your home from a neighbouring unit or from
outside the [n]

[r] building? Would you say: every day, at least once a week, at
least once [n]

[r] a month, at least once in the past 3 months, at least once in the
past [n]

[r] 6 months, or never? [n]

[bold][yellow]

Interviewer (if necessary): I am referring to ANY secondhand
smoke entering

your home from someone who does not live in your home.

[n][white]

1 every day
2 at least once a week
3 at least once a month
4 at least once in the past 3 months
5 at least once in the past 6 months

0 never
d Don't Know r Refused
@

[@] <0-5,d,r>

>SMOKE_FLAG< [allow 1][store <0> in SMOKE_FLAG]
[if tc1 is <1>][store <1> in SMOKE_FLAG][endif]
[if tc1 is <3> and tc2 is <1>]
[store <1> in SMOKE_FLAG]
[endif]

[# == TOBACCO POLICY- Panel A only
=====]

>st_pa< [if panel gt <1> goto end_tobacco]

[# ===== SMOKING CESSATION
=====]
[# Panel A only]

>tq2<

[r] Many communities offer help to smokers who want to quit.
Please tell me if, [n]

[r] in the past 30 days, you have seen or heard of a "Quit Smoking
" contest? [n]

[bold][cyan]
In the past 30 days, have you seen or heard of this?
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>tc12< [# ask all - panel A] [define <d><98>][define <r><99>]

[r] In the past 12 months, how many times have you seen a doctor about your [n]
[r] health or for a check-up? [n]

0 No visits

1-96 Enter exact number
97 97 or more

d Don't Know r Refused
@

[@] <1-97>
<0,d,r> [goto tp26b]

>tc12b< [#new in 2011- revised from tc12a] [define <d><8>][define <r><9>]

[r] Did the doctor ask you if anyone smokes inside your home? [n]

1 yes
5 no

d don't know r refused
@

[@] <1>
<5,d,r>

[# === **WORKPLACE SMOKING** =====] [#ASK ALL]

>tp26b< [define <d><8>][define <r><9>] [#revised 2010 from tp26a]

[r] The next questions are about smoking in the workplace. [n]

[r] First, where do you work? Do you work mainly at home, mainly indoors other [n]
[r] than your home, mainly outdoors, or mainly in a vehicle [n]

1 mainly at home
2 mainly indoors other than your home
3 mainly outdoors
4 mainly in a vehicle

0 do not work

d Don't Know r Refused
@

[@] <2-4>
<0,1,d,r> [goto tp99]

[# ===== **ETS EXPOSURE** =====]

>tp31a< [define <d><98>][define <r><99>][# revised 2010 from tp31ind]

[r] In the last week, how many days were you exposed to other people's tobacco [n]
[r] smoke INDOORS or INSIDE A VEHICLE while you were at work? By exposed, [n]
[r] I mean spending at least 5 minutes in an area where someone is smoking? [n]

0 no days

1-7 enter number of days

97 do not work outside the home
d Don't Know r Refused
@

[@] <0,1-7>
<97,d,r> [goto tp99]

>tp31b< [define <d><98>][define <r><99>] [# revised 2010 from tp31]

[r] In the last week, how many days were you exposed to other people's tobacco [n]
[r] smoke OUTDOORS while you were at work? By exposed, I mean spending at least[n]
[r] 5 minutes in an area where someone is smoking? [n]

0 no days

1-7 enter number of days

97 do not work outside the home
d Don't Know r Refused
@

[@] <0,1-7,97,d,r>

[# === **PERCEIVED SOCIAL EXPOSURE TO SMOKING** ===]

>tp99< [define <d><98>][define <r><99>] [# new 2011]

[r] Over the past 24 hours, about how many people, if any, did you see [n]
[r] smoking tobacco products? [n]

[r] Please think of all tobacco products such as cigarettes, cigars,
little [n]
[r] cigars or cigarillos, pipe, or waterpipe. [n]

0 None

1-96 Enter exact number
97 97 or more

d Don't Know r Refused
@

[@] <0,1-97>[goto tp30a]
<d,r>

[#== # If 'don't know' please ask for a range==]

>tp99b< [define <d><8>][define <r><9>]

[r] Can you please give me your best guess at how many people
you have seen [n]
[r] smoking in the past 24 hours? Would you say: none, 1 to 5, 6 to
10, or [n]
[r] more than 10? [n]

0 None
1 1 to 5
2 6 to 10
3 More than 10

d Don't Know r Refused
@

[@] <0,1-3,d,r>

>tp30a< [#ASK ALL] [define <d><98>][define <r><99>]

[if SMOKE_FLAG eq <1>]
[r] Including yourself, how often, if at all, do people smoke
cigarettes, [n]
[r] cigars, cigarillos or pipes INSIDE your home? never, rarely,
sometimes, [n]
[r] daily or almost daily? [n]
[else]
[r] How often, if at all, do people smoke cigarettes, cigars,
cigarillos or [n]
[r] pipes INSIDE your home? never, rarely, sometimes, daily or
almost daily? [n]
[endif]

[bold][yellow]
INTERVIEWER: if necessary, this does not include garages,
balconies, porches
etc.
[n][white]

0 never
1 rarely
2 sometimes
3 daily or almost daily

d Don't Know r Refused
@

[@]<0,1,2,d,r> [goto tp53]
<3>

>tp30b< [#if tp30a=3, revised 2011 from tp30][define
<d><98>][define <r><99>]

[if SMOKE_FLAG eq <1>]
[r] Including yourself, HOW MANY people smoke cigarettes,
cigars, cigarillos or [n]
[r] pipes INSIDE your home? [n]
[else]
[r] HOW MANY people smoke cigarettes, cigars, cigarillos or
pipes INSIDE [n]
[r] your home? [n]
[endif]

[bold][yellow]
INTERVIEWER: if necessary, this does not include garages,
balconies, porches
etc.
[n][white]

0 no one smokes any tobacco inside the home

1-20 (Enter number of people)

d Don't Know r Refused
@

[@] <1-20,0,d,r>

>tp53< [#ASK ALL] [#new in 2005][define <d><8>][define
<r><9>]

[r] The next few questions are about banning smoking in public
places. Please [n]
[r] tell me if you strongly agree, somewhat agree, somewhat
disagree or strongly[n]
[r] disagree with the following statements.
[n]

[r] The first one is: Smoking should be banned INDOORS in
multi-unit dwellings [n]
[r] with shared ventilation, such as apartment buildings, rooming
houses and [n]
[r] retirement homes. [n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or
strongly disagree?
[n][white]

1 strongly agree
3 somewhat agree
5 somewhat disagree
7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp80< [#ASK ALL] [# new 2010]

[r] What about ...near entrances to public buildings, such as post offices, [n]
[r] libraries, office buildings, and shopping malls.
[n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer, if asked: by "near" we mean within 9 metres or about 30 feet
or 2 car-lengths.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp64a< [#ASK ALL] [#revised 2010]

[r] Smoking should be banned on OUTDOOR patios of restaurants or bars: [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp83< [#ASK ALL] [# new 2010]

[bold][cyan] Smoking should be banned [n][white]

[r] What about at OUTDOOR special events, such as concerts, festivals or parades.[n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer: if asked, this means all outdoor areas used during such an event

e.g. streets, sidewalks, etc.

[n][white]

- 1 strongly agree
- 3 somewhat agree

- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp67< [#ASK ALL] [#new in 2007]

[r] What about...on public sidewalks. [n]

[bold][cyan]

Smoking should be banned on public sidewalks.

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp68< [#ASK ALL] [#new in 2007]

[bold][cyan] Smoking should be banned [n][white]

[r] ...in public parks and on public beaches.

[n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp81< [#ASK ALL] [# new 2010]

[r] What about ...near OUTDOOR recreation facilities, such as sports fields, [n]

[r] stadiums, and entrances to arenas. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer, if asked: by "near" we mean within 9 metres or about 30 feet
or 2 car-lengths.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp82< [#ASK ALL] [# new 2010]

[r] What about... near OUTDOOR children's playgrounds and wading pools. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer, if asked: by "near" we mean within 9 metres or about 30 feet
or 2 car-lengths.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp84< [#ASK ALL] [# new 2010]

[r] And what about ...near bus stops and transit shelters.
[n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer, if asked: by "near" we mean within 9 metres or about 30 feet
or 2 car-lengths.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp15< [#ASK ALL]

[r] There should be a law that says parents cannot smoke inside their home [n]

[r] if children are living there? [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp35< [#ASK ALL]

[r] Which of the following comes closest to your view of how we should treat [n]

[r] tobacco products in Ontario: [n]

[r] 1) tobacco products should be sold in a number of different places, AS [n]

[r] THEY ARE NOW; [n]

[r] 2) tobacco products should be sold in government-owned stores similar to [n]

[r] the way alcohol is sold in LCBO stores; or
[n]

[r] 3) tobacco products should not be sold at all?
[n]

1-3 enter choice

d Don't Know r Refused
@

[@] <1,2,3,d,r>

>tp65< [#ASK ALL][#revised 2008][define <d><8>][define <r><9>]

[r] Some people feel that the sale of cigarettes should be banned while others [n]

[r] think they should continue to be sold. Do you think the SALE OF CIGARETTES [n]

[r] should be stopped as soon as possible, phased out over five to ten years, [n]

[r] or cigarettes should continue to be sold?
[n]

- 1 Stopped as soon as possible
- 3 Phased out over five to ten years
- 5 Cigarettes should continue to be sold

d Don't Know r Refused
@

[@] <1,3,5,d,r>

>tp1< [#ASK ALL] [#brought back in 2009]

[r] Do you think that taxes on cigarettes should be increased, decreased, or [n]
[r] remain the same? [n]

- 1 increased
- 3 decreased
- 5 remain the same

d Don't Know r Refused
@

[@] <1,3,5,d,r>

>tp39a< [#ASK ALL]

[r] The number of retail outlets that sell cigarettes should be greatly reduced.[n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp5< [#ASK ALL]

[r] Cigarettes should be sold in plain white packages that show only health [n]

[r] warnings, ingredients and brand name as a way of discouraging smoking among [n]

[r] youth and children? [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d don't know r refused
@

[@] <1,3,5,7,d,r>

>tp38< [#brought back in 2011]

[r] In Ontario, it is illegal for anyone to provide tobacco to young people [n]

[r] under the age of 19. Friends and family who supply tobacco to young people [n]

[r] under 19 years of age should be fined. Do you strongly agree, somewhat [n]

[r] agree, somewhat disagree or strongly disagree?
[n]

[bold][yellow]

INTERVIEWER: IF NEEDED: The fine would be about two hundred dollars.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp54< [#new in 2005] [#brought back in 2011]

[r] Movies that show characters smoking should be rated at least a PG or [n]

[r] Parental Guidance. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp42< [# new interviewer note 2010]

[r] The Ontario government should sue tobacco companies for health care costs [n]

[r] that result from tobacco smoking. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer if asked: Yes, the Ontario government is suing tobacco companies

for health care costs that result from tobacco smoking.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp86< [#ASK ALL] [# new 2010]

[r] The next 2 questions are about cigarettes that are sold without taxes. [n]

[r] Untaxed cigarettes can be bought on native reserves, on the street, or [n]

[r] from other sources, and are sometimes known as "contraband" cigarettes. [n]

[r] Please tell me if you strongly agree, somewhat agree, somewhat disagree or [n]

[r] strongly disagree with the following statement.

[n]

[r] The Ontario government should make a serious effort to stop the sale of [n]

[r] untaxed cigarettes. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer if asked: do not include "Duty free" cigarettes.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d don't know r refused
@

[@] <1,3,5,7,d,r>

>tp85< [#ASK ALL] [# new 2010]

[r] It is acceptable for smokers to buy cigarettes that are sold without taxes. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer if asked: do not include "Duty free" cigarettes.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d don't know r refused
@

[@] <1,3,5,7,d,r>

[# ===== **PURCHASING PROFILE** (new 2008) =====]

>ck_tp75< [if SMOKE_FLAG eq <1>]

[goto int_prof][# ASK CURRENT SMOKERS only]

[else]
[goto int_trisk]
[endif]

>int_prof<

[r] Now I would like to ask you some questions about the last time you bought [n]

[r] cigarettes for your own use. [n]

Press "Enter" to continue @

[@][nodata]

>tp75a< [#new in 2008][#CURRENT SMOKERS only]

[define <d><98>][define <r><99>][define <s><0>]

[r] The last time you bought cigarettes for your own use, what BRAND did you buy?[n]

[bold][yellow]

Interviewer: DO NOT READ list, code one brand only.

[n][white]

1 All Natural Native 12 DisCOUNT 23 Medallion

2 Avanti du Maurier 13 DK'S 24 Native

3 Belmont 14 du Maurier 25 No name brand (from reserves)

4 Belvedere 15 Export "A" 26 Number 7

5 Benson & Hedges 16 Gold(en) Leaf 27 Peter Jackson

6 Camel 17 JPS 28 Player's

7 Canadian Classics 18 Kool 29 Putter's

8 Canadian Original 19 Macdonald 30 Rolli's (from reserves)

9 Canadian Light 20 Mark Ten 31 Rothmans

10 Chief's 21 Matinee 32 Sago

11 Craven "A" 22 Maximum 33 Smoking

34 Smugglers

90 roll-your-own/loose leaf, any brand

s Other Specify, d Don't know r Refused
@

[@] <1-34,90,d,r>
<s>[specify]

>tp79< [define <d><8>][define <r><9>][define <s><0>]

[bold][cyan]

Still thinking about the last time you bought cigarettes for your own use, where did you buy them?

[n][white]

[bold][yellow] Interviewer: please read the list. Code only one option.[n][white]

[r] And did you buy them: [n]

[r] 1 at a convenience store or small grocery store, [n]

[r] 2 at a supermarket, [n]

[r] 3 at a gas station, [n]
[r] 4 at a discount store, such as Costco, [n]
[r] 5 on a First Nations reserve, [n]
[r] 6 out of a person's home or vehicle, or from someone on the street? [n]

1-6 enter answer

s Other Specify
d Don't Know r Refused
@

[@] <1-6,d,r>
<s>[specify]

[# == **PERCEIVED RISK/HARM OF TOBACCO PRODUCTS**] [#NEW 2011]

>int_trisk< [# ask ALL panel A]

[r] In the next few questions we are interested in your opinion about the [n]
[r] effects of using different kinds of tobacco products. Please tell me whether[n]
[r] you think the following are more harmful, less harmful, or the same as [n]
[r] smoking regular cigarettes. [n]

Press "Enter" to continue @

[@][nodata]

>trisk1< [define <d><8>][define <r><9>]

[r] Is smoking cigarettes once in a while more harmful, less harmful, [n]
[r] or just the same as smoking cigarettes daily?
[n]

[bold][yellow]

Interviewer: if asked, by 'once in a while' we mean less than every day.
[n][white]

1 More harmful
3 Less harmful
5 Just the same

7 Respondent says 'it depends'
d don't know r refused
@

[@] <1,3,5,7,d,r>

>trisk2<

[r] Is smoking cigars or cigarillos more harmful, less harmful, or just [n]
[r] the same as smoking cigarettes? [n]

1 More harmful
3 Less harmful
5 Just the same

7 Respondent says 'it depends'
0 don't know what cigars or cigarillos are

d don't know r refused
@

[@] <1,3,5,7,0,d,r>

>trisk3< [define <d><8>][define <r><9>]

[r] Is smoking contraband tobacco more harmful, less harmful, or just the same [n]
[r] as smoking regular cigarettes? [n]

[bold][yellow]

Interviewer: by contraband tobacco we mean Native or untaxed cigarettes, and baggies
[n][white]

1 More harmful
3 Less harmful
5 Just the same

7 Respondent says 'it depends'
0 don't know what contraband tobacco is

d don't know r refused
@

[@] <1,3,5,7,0,d,r>

>trisk4< [define <d><8>][define <r><9>]

[r] Is smoking tobacco using a waterpipe more harmful, less harmful, or just [n]
[r] the same as smoking cigarettes? [n]

1 More harmful
3 Less harmful
5 Just the same

7 Respondent says 'it depends'
0 don't know what a waterpipe is

d don't know r refused
@

[@] <1,3,5,7,0,d,r>

>trisk5< [define <d><8>][define <r><9>]

[r] Is using smokeless tobacco more harmful, less harmful, or just the same [n]
[r] as smoking cigarettes? [n]

[bold][yellow]

Interviewer: by smokeless tobacco we mean snuff, chewing tobacco, and snus.
[n][white]

1 More harmful
 3 Less harmful
 5 Just the same

7 Respondent says 'it depends'
 0 don't know what smokeless tobacco is

d don't know r refused
 @

[@] <1,3,5,7,0,d,r>

[#===== **SOCIAL ACCEPTABILITY OF SMOKING** =====]
 [# ASK ALL - PANEL A ONLY, NEW 2010]

>tp92< [#new 2010]
 [r] The next questions are about how YOU feel about cigarette smoking. [n]
 [r] What do YOU think about cigarette smoking among ADULTS?
 [n]

[bold][cyan]
 Do YOU think it is completely acceptable, somewhat acceptable, somewhat unacceptable, or completely unacceptable?
 [n][white]

[bold][yellow]
 Interviewer, if asked: if R says "it depends", say this question is about the GENERAL acceptability of smoking and is not limited to special circumstances, such as whether children are around, how much they smoke, where they smoke etc.
 [n][white]

1 Completely acceptable
 3 Somewhat acceptable
 5 Somewhat unacceptable
 7 Completely unacceptable

0 R insists that they are not sure, it depends
 d Don't Know r Refused
 @

[@] <1,3,5,7,0,d,r>

>tp93< [#new 2010]
 [r] And what do YOU think about cigarette smoking among TEENAGERS? [n]

[bold][cyan]
 Do YOU think it is completely acceptable, somewhat acceptable, somewhat unacceptable, or completely unacceptable?
 [n][white]

[bold][yellow]
 Interviewer, if R says "it depends", say this question is about

the GENERAL acceptability of smoking and is not limited to special circumstances, such as whether children are around, how much they smoke, where they smoke etc.
 [n][white]

1 Completely acceptable
 3 Somewhat acceptable
 5 Somewhat unacceptable
 7 Completely unacceptable

0 R insists that they are not sure, it depends,
 d Don't Know r Refused
 @

[@] <1,3,5,7,0,d,r>

>tp94< [#new 2010]

[r] And what about friends who smoke? For YOU, would having friends who smoke be [n]
 [r] completely acceptable, somewhat acceptable, somewhat unacceptable, or [n]
 [r] completely unacceptable? [n]

1 Completely acceptable
 3 Somewhat acceptable
 5 Somewhat unacceptable
 7 Completely unacceptable

0 R insists that they are not sure, it depends, varies too much between friends
 d Don't Know r Refused
 @

[@] <1,3,5,7,0,d,r>

>tp95< [#new 2010]

[r] The next two questions are about smoking at INDOOR and OUTDOOR parties or [n]
 [r] other social gatherings in which YOU participate.
 [n]

[r] What do YOU think about people smoking cigarettes at INDOOR celebrations, [n]
 [r] parties, or other social gatherings in which YOU participate?
 [n]

[bold][cyan]
 Do YOU think it is completely acceptable, somewhat acceptable, somewhat unacceptable or completely unacceptable?
 [n][white]

1 Completely acceptable
 3 Somewhat acceptable
 5 Somewhat unacceptable
 7 Completely unacceptable

0 R insists that they are not sure, it depends,
 d Don't Know r Refused
 @

[@] <1,3,5,7,0,d,r>

>tp96< [#new 2010]

[r] And what do YOU think about people smoking cigarettes at
OUTDOOR celebrations,[n]
[r] parties, or other social gatherings in which YOU participate?
[n]

[bold][cyan]

Do YOU think it is completely acceptable, somewhat acceptable,
somewhat
unacceptable or completely unacceptable?
[n][white]

- 1 Completely acceptable
- 3 Somewhat acceptable
- 5 Somewhat unacceptable
- 7 Completely unacceptable

0 R insists that they are not sure, it depends,
d Don't Know r Refused
@

[@] <1,3,5,7,0,d,r>

>end_tobacco<

[# == ALCOHOL CONSUMPTION =====]
[# ===== ALL Panels =====]

>int1<

[r] Now I would like to ask you some questions about drinking
alcohol. [n]

[r] In these questions, when we use the word "drink" it means one
341 ml (12 ounce)[n]
[r] bottle of beer or glass of draft, one 142 ml (5 ounces) glass of
wine, or one [n]
[r] straight or mixed drink with one and a half ounces (43 ml) of
hard liquor. [n]

Press Enter to continue @

[@] [nodata]

>ac1<

[r] During the past 12 months have you had a drink of any
alcoholic beverage? [n]

[bold][yellow]

INTERVIEWER: Include light beer, but do NOT include fully
dealcoholized beer.
[n][white]

- 1 Yes
- 5 No

d Don't Know r Refused
@

[@] <1> [goto ac5]
<5,d,r>

>ac2< [#asking non-current drinkers]

[r] Did you EVER have a drink of any alcoholic beverage?
[n]

- 1 Yes
- 5 No

@

[@] <1> [goto ac3]
<5> [goto chek][#never drinkers skip out here]

>ac5< [#asking current drinkers] [define <d><98>][define
<r><99>]

[r] How often, if ever, did you drink alcoholic beverages during
the PAST TWELVE[n]
[r] MONTHS: would you say MORE than once a day, about every
day, four to five [n]
[r] times a week, two to three times a week, once a week, two to
three times a [n]
[r] month, once a month, or less than once a month?
[n]

[bold][yellow] INTERVIEWER: This means any type of alcohol.
[n][white]

- 1 More than once a day
- 2 About every day (includes SIX times a week)

- 3 4 to 5 times a week
- 4 2 to 3 times a week
- 5 Once a week
- 6 2 to 3 times a month
- 7 Once a month
- 8 Less than once a month

d Don't Know r Refused
@

[@] <1-8,d,r>

>ac5a< [#all current drinkers]

[r] How often, if at all, did you drink alcoholic beverages during
the PAST 30 [n]
[r] DAYS: would you say MORE than once a day, about every
day, four to five [n]
[r] times a week, two to three times a week, once a week, two to
three times [n]
[r] in the past month, once in the past month, or never in the past
month? [n]

[bold][yellow]

INTERVIEWER: This means any type of alcohol.
[n][white]

```
>ac6b< [if ac2 eq <1> goto chek][#former drinkers skip out]
```

```
[#asking current drinkers][define <d><98>][define <r><99>]
```

```
[r] What is the largest number of drinks you can recall having on  
one occasion [n]
```

```
[r] during the PAST TWELVE MONTHS?  
[n]
```

```
[bold][yellow]
```

```
INTERVIEWER: "drink" means one twelve ounce bottle of beer  
or glass of draft,  
one five ounce glass of wine, or one straight or mixed drink with  
one ounce  
and a half of hard liquor.
```

```
Include light beer, but do NOT include fully dealcoholized beer.  
[n][white]
```

```
1-97 Enter number of drinks
```

```
d Don't Know    r Refused  
@
```

```
[@] <1-97,d,r>
```

```
[# ===== PAST 7 DAYS DRINKING, PANEL A  
only =====]
```

```
>int_lrd< [if panel gt <1> goto exit_week]
```

```
>ac10< [#ASKING CURRENT DRINKERS][define  
<d><8>][define <r><9>]
```

```
[r] Thinking back over the past 7 days, we would like to ask you  
how many drinks[n]  
[r] you had each day. [n]
```

```
0 Did not have any drinks in the past 7 days
```

```
1 Continue
```

```
d don't know    r refuse  
@
```

```
[@] <1>  
<0,d,r> [goto exit_week]
```

```
>WHEEL_DATE< [allow 8][setdate WHEEL_DATE] [#  
initialize]
```

```
>WHEEL_DAY< [allow 10][store <> in WHEEL_DAY]  
[datestring dayname from WHEEL_DATE into  
WHEEL_DAY]
```

```
>LAST_DAY< [allow 10][store <> in LAST_DAY]
```

```
>YESTERDAY< [allow 10][store <> in YESTERDAY]  
[if WHEEL_DAY is <Monday>][store <Sunday> in  
YESTERDAY][endif]  
[if WHEEL_DAY is <Tuesday>][store <Monday> in  
YESTERDAY][endif]  
[if WHEEL_DAY is <Wednesday>][store <Tuesday> in  
YESTERDAY][endif]  
[if WHEEL_DAY is <Thursday>][store <Wednesday> in  
YESTERDAY][endif]
```

```
[if WHEEL_DAY is <Friday>][store <Thursday> in  
YESTERDAY][endif]
```

```
[if WHEEL_DAY is <Saturday>][store <Friday> in  
YESTERDAY][endif]
```

```
[if WHEEL_DAY is <Sunday>][store <Saturday> in  
YESTERDAY][endif]
```

```
>start_wheel<
```

```
[r] Let's start with yesterday and work our way back through the  
week. So [n]
```

```
[r] yesterday was [fill YESTERDAY]...  
[n]
```

```
press enter to continue @
```

```
[@][nodata]
```

```
>D001< [if WHEEL_DAY is <Monday>][goto Sunday][endif]  
[#intday Mon]
```

```
[if WHEEL_DAY is <Tuesday>][goto Monday][endif]
```

```
[#intday Tues]
```

```
[if WHEEL_DAY is <Wednesday>][goto Tuesday][endif]
```

```
[#intday Wed]
```

```
[if WHEEL_DAY is <Thursday>][goto Wednesday][endif]
```

```
[#intday Thur]
```

```
[if WHEEL_DAY is <Friday>][goto Thursday][endif]
```

```
[#intday Fri]
```

```
[if WHEEL_DAY is <Saturday>][goto Friday][endif]
```

```
[#intday Sat]
```

```
[if WHEEL_DAY is <Sunday>][goto Saturday][endif]
```

```
[#intday Sund]
```

```
>Sunday< [define <d><98>][define <r><99>]
```

```
[r] How many drinks did you have on Sunday?  
[n]
```

```
0 none
```

```
1-29 enter number of drinks
```

```
30 thirty or more drinks
```

```
d don't know    r refused
```

```
@
```

```
[@] <0,1-30,d>  
<r> [goto exit_week]
```

```
>D002< [if Sunday ge <1> and Sunday le <30> and LAST_DAY  
is <>]
```

```
[store <Sunday> in LAST_DAY]
```

```
[endif]
```

```
[if WHEEL_DAY eq <Sunday>][goto exit_week][endif]
```

```
[goto Saturday]
```

```
>Saturday< [define <d><98>][define <r><99>]
```

```
[r] Saturday? [n]
```

```
[bold][cyan]
```

```
How many drinks did you have on Saturday?
```

```
[n][white]
```

```
0 none
```

```
1-29 enter number of drinks
```

```

30 thirty or more drinks

d don't know      r refused

@

[@] <0,1-30,d>
<r> [goto exit_week]

>D003< [if Saturday ge <1> and Saturday le <30> and
LAST_DAY is <>]
    [store <Saturday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Saturday>][goto exit_week][endif]
    [goto Friday]

>Friday< [define <d><98>][define <r><99>]

[r] Friday?                                     [n]

[bold][cyan]
    How many drinks did you have on Friday?
[n][white]

    0 none
    1-29 enter number of drinks
    30 thirty or more drinks

d don't know      r refused

@

[@] <0,1-30,d>
<r> [goto exit_week]

>D004< [if Friday ge <1> and Friday le <30> and LAST_DAY is
<>]
    [store <Friday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Friday>][goto exit_week][endif]
    [goto Thursday]

>Thursday< [define <d><98>][define <r><99>]

[r] Thursday?                                 [n]

[bold][cyan]
    How many drinks did you have on Thursday?
[n][white]

    0 none
    1-29 enter number of drinks
    30 thirty or more drinks

d don't know      r refused

@

[@] <0,1-30,d>
<r> [goto exit_week]

>D005< [if Thursday ge <1> and Thursday le <30> and
LAST_DAY is <>]
    [store <Thursday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Thursday>][goto exit_week][endif]

```

```

[goto Wednesday]

>Wednesday< [define <d><98>][define <r><99>]

[r] Wednesday?                                [n]

[bold][cyan]
    How many drinks did you have on Wednesday?
[n][white]

    0 none
    1-29 enter number of drinks
    30 thirty or more drinks

d don't know      r refused

@

[@] <0,1-30,d>
<r> [goto exit_week]

>D006< [if Wednesday ge <1> and Wednesday le <30> and
LAST_DAY is <>]
    [store <Wednesday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Wednesday>][goto exit_week][endif]
    [goto Tuesday]

>Tuesday< [define <d><98>][define <r><99>]

[r] Tuesday?                                  [n]

[bold][cyan]
    How many drinks did you have on Tuesday?
[n][white]

    0 none
    1-29 enter number of drinks
    30 thirty or more drinks

d don't know      r refused

@

[@] <0,1-30,d>
<r> [goto exit_week]

>D007< [if Tuesday ge <1> and Tuesday le <30> and
LAST_DAY is <>]
    [store <Tuesday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Tuesday>][goto exit_week][endif]
    [goto Monday]

>Monday< [define <d><98>][define <r><99>]

[r] Monday?                                   [n]

[bold][cyan]
    How many drinks did you have on Monday?
[n][white]

    0 none
    1-29 enter number of drinks
    30 thirty or more drinks

```



```

d don't know      r refused

@

[@] <0,1-30,d>
<r> [goto exit_week]

>D008< [if Monday ge <1> and Monday le <30> and LAST_DAY
is <>]
    [store <Monday> in LAST_DAY]
    [endif]
[if WHEEL_DAY eq <Monday>][goto exit_week][endif]
    [goto Sunday]

>exit_week<

[#-----end of drinking wheel-----]

[#====AUDIT =====]
[#=====ASK ALL Panels=====]

>int_audit<

[r] The next few questions are about possible problems you might
have had      [n]
[r] in the PAST 12 MONTHS regarding the use of alcohol.
    [n]

Press "Enter" to continue @

[@][nodata]

>aud4< [define <d><8>] [define <r><9>][# current drinkers
only]

[r] How often during the past 12 months have you found that you
were not able [n]
[r] to stop drinking once you had started?
[n]

[r] Never, Less than monthly, Monthly, Weekly, or Daily or almost
daily?      [n]

0 Never

1 Less than monthly
2 Monthly
3 Weekly
4 Daily or almost daily

d Don't Know      r Refused
@

[@] <0,1-4,d,r>

>aud5<

[r] How often during the past 12 months have you failed to do
what was normally [n]

```

```

[r] expected from you because of drinking?
[n]

[bold][cyan]
    Never, Less than monthly, Monthly, Weekly, or Daily or almost
daily?
[n][white]

0 never

1 less than monthly
2 monthly
3 weekly
4 daily or almost daily

d Don't Know      r Refused
@

[@] <0,1-4,d,r>

>aud6<

[bold][cyan] How often during the past 12 months [n][white]

[r] have you needed a first ALCOHOLIC drink in the morning to
get yourself [n]
[r] going after a heavy drinking session?
[n]

[bold][cyan]
    Never, Less than monthly, Monthly, Weekly, or Daily or almost
daily?
[n][white]

0 never

1 less than monthly
2 monthly
3 weekly
4 daily or almost daily

d Don't Know      r Refused
@

[@] <0,1-4,d,r>

>aud7<

[r] How often [n]

[bold][cyan] during the past 12 months [n][white]

[r] have you had a feeling of guilt or remorse after drinking?
[n]

[bold][cyan]
    Never, Less than monthly, Monthly, Weekly, or Daily or almost
daily?
[n][white]

0 never

1 less than monthly
2 monthly
3 weekly
4 daily or almost daily

```

```

    d Don't Know    r Refused
    @

[@] <0,1-4,d,r>

>aud8<

[r] How often [n]
[bold][cyan] during the past 12 months [n][white]

[r] have you been unable to remember what happened the night
before because [n]
[r] you had been drinking? [n]

[bold][cyan]
    Never, Less than monthly, Monthly, Weekly, or Daily or almost
    daily?
[n][white]

    0 never

    1 less than monthly
    2 monthly
    3 weekly
    4 daily or almost daily

    d Don't Know    r Refused
    @

[@] <0,1-4,d,r>

>aud9< [#asking current drinkers only]
    [define <d><8>] [define <r><9>]

[r] Have you or someone else EVER been injured as a result of
your drinking? [n]

[bold][yellow]
    INTERVIEWER: if r says "yes", ask "was this in the past 12
    months?"
[n][white]

    1 Yes, but not in the past 12 months
    2 Yes, during the past 12 months

    5 no

    d Don't Know    r Refused
    @

[@] <1,2,5,d,r>

>aud0< [#asking current drinkers only]
    [define <d><8>] [define <r><9>]

[r] Has a relative or friend or a doctor or other health worker
EVER been [n]
[r] concerned about your drinking or suggested you cut down?
[n]

[bold][yellow]
    INTERVIEWER: if r says "yes", ask "was this in the past 12
    months?"

```

```

[n][white]

    1 Yes, but not in the past 12 months
    2 Yes, during the past 12 months

    5 no

    d Don't Know    r Refused
    @

[@] <1,2,5,d,r>

>chek< [allow 1][store <> in chek]
    [if ac1 eq <5>][store <1> in chek][endif] [#non drinker]

>end_alcohol<

[#####ALCOHOL POLICY, PANEL A ONLY
=====]

>int_alcpol< [if panel gt <1> goto end_pa]

[r] In the next few questions we would like to know your views on
some alcohol [n]
[r] related issues. [n]

[r] Please tell us if you strongly agree, somewhat agree, somewhat
disagree or [n]
[r] strongly disagree with the following statements:
[n]

    Press "Enter" to continue @

[@][nodata]

>pa51<

[r] The Ontario government should close all LCBO stores, and
allow privately-run [n]
[r] stores to sell alcohol. Do you strongly agree, somewhat agree,
somewhat [n]
[r] disagree, or strongly disagree? [n]

    1 strongly agree
    3 somewhat agree
    5 somewhat disagree
    7 strongly disagree

    d don't know    r refused
    @

[@] <1,3,5,7,d,r>

>pa38<

[r] Local communities should be able to put their own controls on
the sale and [n]
[r] consumption of alcohol, even if these controls are stricter than
the [n]

```

[r] provincial controls? [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d don't know r refused
@

[@] <1,3,5,7,d,r>

>par1< [# Panel A- start April 2011]

[r] The Ontario Government is considering changes to alcohol laws that would [n]

[r] increase access to alcohol, such as extending the hours that alcohol can [n]

[r] be served at special events, and including alcohol in all-inclusive [n]

[r] vacations in Ontario. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d don't know r refused
@

[@] <1,3,5,7,d,r>

>par2< [# Panel A- start April 2011]

[r] The Ontario government is also considering removing the need for beer [n]

[r] tents at special events and festivals, so people can walk around anywhere [n]

[r] with drinks. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d don't know r refused
@

[@] <1,3,5,7,d,r>

>pa6<

[r] Do you think alcoholic beverages should be available in corner stores? [n]

- 1 Yes
- 5 No

d don't know r refused
@

[@] <1,5,d,r>

>pa49<

[r] Including bars, do you think the number of places where you can buy alcohol [n]

[r] in your community is too few, too many, or about right? [n]

- 1 too few
- 3 too many
- 5 about right

d don't know r refused
@

[@] <1,3,5,d,r>

>pa15a< [goto pa15][define <d><998>][define <r><999>] [open pa15a]

[r] About how many minutes would it take you to get from your home to the [n]

[r] nearest liquor store ? [n]

[bold][yellow]

INTERVIEWER: we want the NEAREST store, even if it is not the store they usually use. If R. says they don't go, ask "if you did go, how long would it take, use the fastest method of transportation."

INTERVIEWER: Enter answer in minutes converting from hours if necessary.

d don't know

[n][white]

Enter minutes here @min

Enter hours here @hr

[@min] [optional] <0,1-996,d>
<r>

[@hr] [optional] <0,1-15>

>pa15b< [define <d><998>][define <r><999>] [open pa15b]

[r] And about how many minutes would it take you to get from your home to the [n]

[r] nearest beer store? [n]

[bold][yellow]

INTERVIEWER: we want the NEAREST store, even if it is not the store they usually use. If R. says they don't go, ask "if you did go, how long would it take, use the fastest method of transportation."

INTERVIEWER: Enter answer in minutes converting from hours if necessary.

d don't know
[n][white]

Enter minutes here @min

Enter hours here @hr

[@min] [optional]<0,1-996,d>
<r>
[@hr] [optional] <0,1-15>

>pa15c< [define <d><998>][define <r><999>] [open pa15c]

[r] And about how many minutes would it take you to get from your home to the [n]
[r] nearest wine store? [n]

[bold][yellow]

INTERVIEWER: we want the NEAREST store, even if it is not the store they usually use. If R. says they don't go, ask "if you did go, how long would it take, use the fastest method of transportation."

INTERVIEWER: Enter answer in minutes converting from hours if necessary.

d don't know
[n][white]

Enter minutes here @min

Enter hours here @hr

[@min] [optional]<0,1-996,d>
<r>
[@hr] [optional] <0,1-15>

>pa15< [#loc 51/1] [define <d><998>][define <r><999>] [open pa15][#added Feb. 1, 2011]

[r] About how many minutes would it take you to get from your home to the [n]
[r] nearest liquor or beer store? [n]

[bold][yellow]

INTERVIEWER: we want the NEAREST store, even if it is not the store they usually use. If R. says they don't go, ask "if you did go, how long would it take, use the fastest method of transportation."

INTERVIEWER: Enter answer in minutes converting from hours if necessary.

d don't know
[n][white]

Enter minutes here @min

Enter hours here @hr

[@min][optional]<0,1-996,d>
<r>
[@hr] [optional] <0,1-15>

>pa75< [#loc 47/13]

[r] And about how many minutes would it take you to get to the nearest [n]
[r] restaurant, bar, pub, or tavern that serves alcohol?
[n]
[bold][yellow]

[bold][yellow]

INTERVIEWER: we want the NEAREST store, even if it is not the store they usually use. If R. says they don't go, ask "if you did go, how long would it take, use the fastest method of transportation."

INTERVIEWER: Enter answer in minutes converting from hours if necessary.

[n][white]

Enter minutes here @min

Enter hours here @hr

[@min] [optional]<0,1-996,d>
<r>
[@hr] [optional] <0,1-15>

>lrdg1< [define <d><8>][define <r><9>]

[r] Have you ever heard about "Low Risk Drinking Guidelines"?
[n]

1 Yes
5 No

d Don't Know r Refused
@

[@] <1>
<5,d,r> [goto end_pa]

>lrdg2<

[r] As a result of hearing about the guidelines, do you think that in the next [n]
[r] 12 months you will start to drink more, start to drink less, or you will not[n]
[r] change the amount you drink? [n]

1 start to drink more
3 start to drink less
5 will not change the amount

7 do not drink
d Don't Know r Refused

@

[@] <1,3,5,7,d,r>

>end_pa<

**[# ==GENERAL HEALTH QUESTIONS, ALL PANELS
=====]**

>int3< [if panel eq <1> goto tc12c][#panel A skip, Feb. 1, 2011]

[r] Next, we would like to ask you a few questions about your
general health, [n]
[r] how you have been feeling lately. [n]

Press enter to continue

@

[@][no data]

>gh1< [define <d><8>] [define <r><9>]

[r] In general, would you say your health is excellent, very good,
good, fair [n]
[r] or poor? [n]

1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

d Don't Know r Refused
@

[@] <1-5,d,r>

>hs1a<

[r] In general, would you say your overall MENTAL HEALTH is
[n]
[r] excellent, very good, good, fair, or poor ?
[n]

1 excellent
2 very good
3 good
4 fair
5 poor

d don't know r refused
@

[@] <1-5,d,r>

>tc12c< [#PANEL B Only (doc1)][if panel eq <1> goto
end_driv][#panel A skip to end_driv]
[define <d><98>][define <r><99>]

[r] In the past 12 months, how many times have you seen a doctor
about your [n]
[r] physical health or for a check-up? [n]

0 No visits

1-96 Enter exact number
97 97 or more

d Don't Know r Refused
@

[@] <0,1-97,d,r>

**[# ===== HRQoL, Panel B only
=====]**

>gh2r< [# gh2r replaced gh2]
[define <d><98>][define <r><99>]

[r] Now thinking about your physical health, which includes
physical illness and[n]
[r] injury, for how many days in the last 30 days was your physical
health not [n]
[r] good? [n]

0 never

1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

>gh3r< [# gh3r replaced gh3] [#==ghq4 – deleted in 2011]

[r] Now thinking about your mental health, which includes stress,
depression, [n]
[r] and problems with emotions, for how many days during the
past 30 days was [n]
[r] your mental health not good? [n]

0 never

1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

[# === WHO-DAS ===] [#asked in CM 2000] [# brought back
2011]

[# === PANEL B ===]
[# One month items must be asked of ALL Panel B SAMPLE]

>int_whodas<

[r] The next set of questions are about your health and related
difficulties [n]

[r] that you may have in day to day activities.
[n]

[r] By difficulties, I mean discomfort or pain, slowness, increased effort or [n]

[r] differences in the way you carry out these activities.

[r] Compare yourself to a person of the same age and background and take both [n]

[r] good and bad days into account. [n]

[r] Please think about all the health or emotional problems that you may have. [n]

[bold][yellow]

Interviewer: Please think about any disease, illness, injury or emotional

or emotional problems. Even if you are healthy and have no difficulties I

would still like to ask all questions for completeness.

[n][white]

Press Enter to continue @

[@] [nodata]

>whs1< [define <d><8>] [define <r><9>]

[r] For each of the questions please tell me if you have had no difficulty, mild[n]

[r] difficulty, moderate difficulty, severe difficulty, or extreme difficulty. [n]

[r] First, In the last 30 days how much difficulty did you have standing for [n]

[r] long periods such as 30 minutes? [n]

[bold][yellow]

Interviewer: Please think about any disease, illness, injury or emotional

problems. By difficulties, I mean discomfort or pain, slowness, increased

effort or differences in the way you carry out these activities.

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/ includes could not do it at all

d don't know r refused

@

[@] <1-5,d,r>

>whs2< [define <d><8>] [define <r><9>]

[r] What about taking care of your household responsibilities?
[n]

[bold][cyan]

In the last 30 days, would you say no difficulty, mild difficulty, moderate

difficulty, severe difficulty or extreme difficulty?

[n][white]

[bold][yellow]

Interviewer: This means things like cooking, cleaning, taking care of children.

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/includes could not do it at all

d Don't Know r Refused

@

[@] <1-5,d,r>

>whs3< [define <d><8>] [define <r><9>]

[r] What about learning a new task, for example, learning how to get to a new [n]

[r] place? [n]

[bold][cyan]

In the last 30 days, would you say no difficulty, mild difficulty, moderate

difficulty, severe difficulty or extreme difficulty?

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/ includes could not do it at all

d Don't Know r Refused

@

[@] <1-5,d,r>

>whs4< [define <d><8>] [define <r><9>]

[r] What about joining in community activities (for example, festivities, [n]

[r] religious or other activities) in the same way as anyone else?
[n]

[bold][cyan]

In the last 30 days, would you say no difficulty, mild difficulty, moderate

difficulty, severe difficulty or extreme difficulty?

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/ includes could not do it at all

d Don't Know r Refused

@

[@] <1-5,d,r>

>whs5< [define <d><8>] [define <r><9>]

[r] How much have you been emotionally affected by your health problems? [n]

[r] Would you say not affected, mildly affected, moderately affected, severely [n]

[r] affected or extremely affected? [n]

- 1 not affected
- 2 mildly affected
- 3 moderately affected
- 4 severely affected
- 5 extremely affected

d Don't Know r Refused
@

[@] <1-5,d,r>

>CK_WHO1<[allow int 1][# Feb to Dec Continue only if any of the previous five items (whs1 to whs5 were answered positively (e.g. 2-5), else skip to <int4>]

```
[store <0> in CK_WHO1] [#skip changed Feb. 1, 2011]
[if whs1 ge <2> and whs1 le <5>][store <1> in
CK_WHO1][endif]
[if whs2 ge <2> and whs2 le <5>][store <1> in
CK_WHO1][endif]
[if whs3 ge <2> and whs3 le <5>][store <1> in
CK_WHO1][endif]
[if whs4 ge <2> and whs4 le <5>][store <1> in
CK_WHO1][endif]
[if whs5 ge <2> and whs5 le <5>][store <1> in
CK_WHO1][endif]
[if CK_WHO1 eq <1>]
[goto whs6]
[else]
[goto int_tbi]
[endif]
```

>whs6< [define <d><8>] [define <r><9>]

[r] In the last 30 days, how much difficulty did you have concentrating on doing[n]

[r] something for ten minutes? [n]

[bold][cyan]

Would you say no difficulty, mild difficulty, moderate difficulty, severe

difficulty or extreme difficulty?

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/ could not do it

d Don't Know r Refused
@

[@] <1-5,d,r>

>whs7< [define <d><8>] [define <r><9>]

[r] What about walking for a long distance such as half a mile?
[n]

[bold][cyan]

In the last 30 days, would you say no difficulty, mild difficulty, moderate

difficulty, severe difficulty or extreme difficulty?

[n][white]

[bold][yellow]

Interviewer: half a mile is about one km.

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/ could not do it

d Don't Know r Refused
@

[@] <1-5,d,r>

>whs8< [define <d><8>] [define <r><9>]

[r] What about washing your whole body?
[n]

[bold][cyan]

In the last 30 days, would you say no difficulty, mild difficulty, moderate

difficulty, severe difficulty or extreme difficulty/ you could not do it at

all?

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/ could not do it

d Don't Know r Refused
@

[@] <1-5,d,r>

>whs9< [define <d><8>] [define <r><9>]

[r] What about getting dressed? [n]

[bold][cyan]

In the last 30 days, would you say no difficulty, mild difficulty, moderate

difficulty, severe difficulty or extreme difficulty/ you could not do it at

all?

[n][white]

- 1 no difficulty
- 2 mild difficulty
- 3 moderate difficulty
- 4 severe difficulty
- 5 extreme difficulty/ could not do it

d Don't Know r Refused
@

[@] <1-5,d,r>

>whs10< [define <d><8>] [define <r><9>]

[r] What about dealing with people you do not know?
[n]

[bold][cyan]
In the last 30 days, would you say no difficulty, mild difficulty, moderate difficulty, severe difficulty or extreme difficulty/ you could not do it at all?
[n][white]

1 no difficulty
2 mild difficulty
3 moderate difficulty
4 severe difficulty
5 extreme difficulty/ could not do it

d Don't Know r Refused
@

[@] <1-5,d,r>

>whs11< [define <d><8>] [define <r><9>]

[r] What about maintaining a friendship?
[n]

[bold][cyan]
In the last 30 days, would you say no difficulty, mild difficulty, moderate difficulty, severe difficulty or extreme difficulty/ you could not do it at all?
[n][white]

1 no difficulty
2 mild difficulty
3 moderate difficulty
4 severe difficulty
5 extreme difficulty/ could not do it

d Don't Know r Refused
@

[@] <1-5,d,r>

>whs12< [define <d><8>] [define <r><9>]

[r] What about your day to day work?
[n]

[bold][cyan]
In the last 30 days, would you say no difficulty, mild difficulty, moderate difficulty, severe difficulty or extreme difficulty/ you could not do it at

all?
[n][white]

[bold][yellow]
Interviewer: this could be at home, work or school.
[n][white]

1 no difficulty
2 mild difficulty
3 moderate difficulty
4 severe difficulty
5 extreme difficulty/ could not do it

d Don't Know r Refused
@

[@] <1-5,d,r>

[# ===== TRAUMATIC BRAIN INJURY (TBI)=====]

[# === PANEL B ===] [# new 2011]

>int_tbi<

[r] The next questions are about head injuries that you may have had in your life.[n]
[r] We are interested in any head injury that resulted in you being unconscious [n]
[r] (knocked out) for at least 5 minutes, or you had to stay in the hospital [n]
[r] for at least 1 night because of it. [n]

Press "Enter" to continue @

[@][nodata]

>tbi1< [define <d><98>][define <r><99>]

[r] How many times, if ever IN YOUR LIFE, have you had a head injury like this? [n]

0 Never
1-10 Enter exact number

d Don't Know r Refused
@

[@] <1-10>
<0,d,r> [goto end_tbi]

>tbi2< [define <d><8>][define <r><9>]

[r] Did you have this type of head injury during the past 12 months? [n]

1 yes
5 no

d don't know r refused
@

[@] <1>


```

<5,d,r> [goto end_tbi]

>tbi3< [define <s><0>]

[r] And what was the cause of the head injury?
[n]

[bold][yellow]
Interviewer, if asked: If this happened more than once, think
about the last
time it happened.
[n][white]

1 Motor vehicle accident
2 Other vehicle accident (such as a snowmobile, ATV, tractor)
3 Bicycle accident
4 Fight
5 Sports injury (such as team sports, snow boarding, skiing, etc.)

6 Fell down

s Other, specify

d don't know    r refused
@

[@] <1-6,d,r>
<s>[specify]

>end_tbi<

[# ===== DRIVING =====]

[# ===== PANEL B ONLY =====]

>drive<

[r] The next questions are related to driving.
[n]
[r] During the past 12 months, have you driven a car, van, truck,
motorcycle, [n]
[r] tractor, or any other type of motor vehicle?
[n]

[bold][yellow]
INTERVIEWER: please include also motor vehicles such as
motorboats, Seadoo,
Skidoo, ATVs, etc.
[n][white]

1 yes
5 no

d don't know    r refused
@

[@] <1>
<5,d,r> [goto end_drive]

[# ===== KM-MILES =====]
[#==How much you drive ==]

```

```

>dr1< [define <d><9998>][define <r><9999>]
[open dr1]

[r] Now I would like to ask you how much you drive in a typical
WEEK. Please [n]
[r] think of all the driving you do. Remember to count any driving
you have [n]
[r] done in a car, motorcycle, truck or van. Count driving you did
in vehicles [n]
[r] you own, borrowed, rented or use for work.
[n]

[r] On average, about how many kilometres or miles do you drive
in a typical week?[n]

[bold][yellow]
Interviewer: Use 0 for none, and r for refused. If R is having
trouble, can't
answer, says that it is too difficult a question etc. use "d" for don't
know.
[n][white]

Enter number of miles here @miles

Enter number of kilometres here @kilo

[@miles][optional] <r> [goto dr5]
<0>
<d> [goto dr1b]
<1-9996> [goto dr5]
[@kilo] [optional] <0>
<1-9996> [goto dr5]

>check_err< [define <d><8>][define <r><9>]

[bold][yellow]
INTERVIEWER: You have indicated that the respondent drives
ZERO miles or
kilometres a week. Is this correct?
[n][white]

1 yes, correct
5 no, mistake
@

[@] <5> [goto dr1]
<1>
[store <0> in dr1 @miles]
[store <0> in dr1 @kilo]
[goto dr5]

>dr1b< [define <d><8>][define <r><9>]

[r] Well, to start would it be easier for you to think about how
much you drive [n]
[r] in kilometers or miles? [n]

1 Kilometres
5 Miles

d don't know/can't answer/too difficult etc.
r refused
@

```

```
[@] <1>
    <5> [goto dr1d]
    <d,r> [goto dr5]

>dr1c<

[r] We don't need the exact amounts, but can you give your best
guess at how many[n]
[r] kilometres you drive in a typical week: would it be less than 10
km, 11 to [n]
[r] 100 km, 101 to 500 km, 501 to 1000 km , or more than 1000
km? [n]

    1 10 or less
    2 11 to 100
    3 101 to 500
    4 501 to 1000
    5 more than 1000

    d don't know    r refused
    @

[@] <1-5,d,r> [goto dr5]

>dr1d<

[r] We don't need the exact amounts, but can you give your best
guess at how many[n]
[r] miles you drive in a typical week: would it be less than 10
miles, 11 to [n]
[r] 50 miles, 51 to 100 miles, 101 to 200 miles, or more than 200
miles? [n]

    1 10 or less
    2 11 to 50
    3 51 to 100
    4 101 to 200
    5 more than 200

    d don't know    r refused
    @

[@] <1-5,d,r>

[# == PANEL B ONLY==]
[# ==COLLISION/ STREET RACE =====]

>dr5< [define <d><98>][define <r><99>]

[r] DURING THE PAST 12 MONTHS, how often, if at all, were
you involved in an [n]
[r] accident or collision involving any kind of damage or injury to
you or [n]
[r] another person or vehicle while you were driving?
[n]

    0 never

    1-9 Enter number of times
    10 ten times or more

    d Don't Know    r Refused
    @
```

```
[@]<0,1-10,d,r>

>int_dstr<

[r] The next question is about 'street racing'. [n]

[bold][yellow]
    Interviewer, if necessary: By 'street racing' we mean any type of
race on
    public roads. This could include an organized race between 2 or
more drivers,
    or a driver challenging other drivers on a public road or a single
driver
    racing to see how fast he or she can go.
[n][white]

    Press "Enter" to continue @

[@][nodata]

>dstr1< [#new in 2009]

[r] During the past 12 months, how many times, if at all, have you
driven a car,[n]
[r] truck or SUV in a STREET RACE?
[n]

    0 never

    1-95 enter number of times
    96 96 or more times

    d don't know    r refused
    @

[@] <0,1-96,d,r>

[# ===== ROAD RAGE =====]
[# ==PANEL B ONLY==]

>INT_RR< [# ASK ALL]

[r] Now some questions about things that might happen when you
are driving [n]
[r] or are a passenger in a car, van, truck or motorcycle.
[n]

    Press "Enter" to continue @

[@][nodata]

>rr5< [define <n><97>]

[bold][cyan]
    During the past 12 months, either as a driver or a passenger
[white]

[r] how many times have YOU shouted, cursed, or
[n]
[r] made rude gestures at a driver or passenger in another vehicle?
[n]
```

0 never

1-95 enter number of times
96 96 or more times

n I have not driven/I have not been a passenger in the last 12 months

d don't know r refused
@

[@] <0,1-96,d,r>
<n>[goto END_RR]

>rr6a< [# revised from 2009 – for ADHD grant]

[r] Still thinking about the past 12 months, how many times have you threatened [n]
[r] or ATTEMPTED to hurt a driver or passenger in another vehicle, or threatened[n]
[r] or ATTEMPTED to damage their vehicle?
[n]

[bold][yellow]
Interviewer: either as a driver or a passenger.
[n][white]

0 never

1-95 enter number of times
96 96 or more times

d Don't Know r Refused
@

[@] <0,1-96,d,r>

>END_RR<

[# ===== **DRINKING & DRIVING** =====]
[# ===PANEL B ONLY===]

>dd1< [define <d><8>][define <r><9>]
[if chek eq <1> goto end_driv] [#not a current drinker]

[r] During the past 12 months, have you driven a motor vehicle after having two [n]
[r] or more drinks in the previous hour? [n]

1 yes
5 no

7 don't drive

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto dboat1]

>dd2< [define <d><98>] [define <r><99>]

[r] How many times in THE PAST 30 DAYS?
[n]

[bold][cyan]
Have you driven a motor vehicle after having two or more drinks in the previous hour?
[n][white]

0 never

1-96 Enter number of times

97 97 or more times

d Don't Know r Refused
@

[@] <0,1-97,d,r>

[#===Boating and drinking ==NEW 2011 =]
[# ===Panel B ==]

>dboat1< [define <d><8>][define <r><9>][# ask if drive=1]
[if chek eq <1> goto dsnow1] [#not a current drinker]

[r] During the past 12 months, have you driven a motorboat or a seadoo within [n]
[r] an hour of having two or more drinks?
[n]

1 yes
5 no

7 don't drive

d don't know r refused
@

[@] <1>
<5,7,d,r>

[#===== **Snowmobile and drinking, NEW 2011, Panel B** =====]

>dsnow1< [if chek eq <1> goto end_driv] [#not a current drinker]

[r] During the past 12 months, have you driven a snowmobile or all terrain [n]
[r] vehicle (ATV) within an hour of having two or more drinks?
[n]

1 yes
5 no

7 don't drive

d don't know r refused
@

[@] <1,5,7,d,r>

>end_driv< [allow int 1]

```

[store <1> in end_driv]

[#####CANNABIS CONSUMPTION
=====]
[# ===ALL PANELS ===]
[#####CANNABIS =====]

>cn1< [define <d><8>] [define <r><9>][#ask all]

[r] Some people use cannabis, marijuana or hash in private, with
friends, or [n]
[r] in other situations. Have you EVER IN YOUR LIFETIME used
CANNABIS, MARIJUANA[n]
[r] or HASH? [n]

1 Yes
5 No

d don't know r refused
@

[@] <1>
<5,d,r>[goto candep]

>cn2< [define <d><98>] [define <r><99>][#FOR CANNABIS
USERS]

[r] How many times, if any, have you used cannabis, marijuana or
hash during the[n]
[r] PAST TWELVE months: would you say more than once a day,
about every day, [n]
[r] four to five times a week, two to three times a week, once a
week, two to [n]
[r] three times a month, once a month, less than once a month or
never? [n]

1 more than once a day
2 about every day (includes six times a week)
3 4 to 5 times a week
4 2 to 3 times a week
5 once a week
6 2 to 3 times a month
7 once a month
8 less than once a month

9 never
d don't know r refused
@

[@] <1-8>
<9,d,r> [goto candep]

>candrive< [#FOR past 12 months cannabis users]
[if cn1 gt <1> goto end_can][#never used]
[if cn2 ge <9>][goto end_can][endif][# not used in last 12
months]
[if panel eq <1> goto candep][# PANEL A skip out]

>cdr1< [#ask only drivers, PANEL B ONLY] [if drive gt <1> goto
candep] [#FOR CANNABIS USERS]
[define <d><8>][define <r><9>]

```

```

[r] During the PAST 12 MONTHS, have you driven a motor
vehicle within an hour [n]
[r] of using cannabis, marijuana or hash?
[n]

1 yes
5 no

7 I do not drive

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto candep]

[# ===== CANNABIS DEPENDENCE
=====]
[# ===PANEL B ONLY===]

>candep< [#FOR past 12 months cannabis users]
[if panel eq <1> goto end_can][# PANEL A skip out]
[if cn1 gt <1> goto end_can][#never used]
[if cn2 ge <9>][goto end_can][endif][# not used in last 12
months]

[#####WHO-ASSIST == new 2004 =====]

>can3m< [define <d><8>] [define <r><9>]
[#cud1,NEW in 2004] [#ask past 12m cannabis users]

[r] How often have you used cannabis, marijuana or hash during
the PAST [n]
[r] THREE months: would you say never, once or twice, once a
month, 2-3 times [n]
[r] a month, once a week, 2-3 times a week, daily or almost daily?
[n]

0 never
1 once or twice
2 once a month
3 2-3 times a month
4 once a week
5 2-3 times a week
6 4 to 5 times a week
7 daily or almost daily

d don't know r refused
@

[@] <1-7>
<0,d,r> [goto end_can]

>cn30< [#NEW in 2005][#ask if can3m=1-6]

[r] And what about the PAST 30 DAYS? How often have you
used cannabis, [n]
[r] marijuana or hash during the PAST 30 DAYS: would you say
never, once or [n]

```

[r] twice, less than monthly, monthly, weekly, daily or almost daily? [n]

- 0 never
- 1 once or twice
- 2 less than monthly
- 3 monthly
- 4 weekly
- 5 daily or almost daily

d don't know r refused
@

[@] <0,1-5,d,r>

>int_cnas< [#ASK ONLY PAST 3 MONTHS CANNABIS USERS]

[r] The next few questions are about possible problems you might have had [n]
[r] in the PAST 3 MONTHS regarding the use of cannabis, marijuana or hash. [n]

Press "Enter" to continue @

[@][nodata]

>cnas1<

[r] During the PAST 3 MONTHS, how often have you had a strong desire or urge [n]
[r] to use cannabis, marijuana or hash? Would you say: never, once or twice, [n]
[r] monthly, weekly, daily or almost daily?
[n]

- 0 never
- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused
@

[@] <0,1-4,d,r>

>cnas2<

[r] During the PAST 3 MONTHS, how often has your use of cannabis, marijuana or [n]
[r] hash led to health, social, legal or financial problems?
[n]

[bold][cyan]
Would you say: never, once or twice, monthly, weekly, daily or almost daily?
[n][white]

- 0 never

- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused
@

[@] <0,1-4,d,r>

>cnas3<

[r] During the PAST 3 MONTHS, how often have you failed to do what was normally [n]
[r] expected of you because of your use of cannabis, marijuana or hash? [n]

[bold][cyan]
Would you say: never, once or twice, monthly, weekly, daily or almost daily?
[n][white]

- 0 never
- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused
@

[@] <0,1-4,d,r>

>cnas4<

[r] Has a friend, relative, a doctor or anyone else ever expressed concern about [n]
[r] your use of cannabis, marijuana or hash? Would you say: yes, within the past [n]
[r] 3 months; yes, but not in the past 3 months; or no, not at all?
[n]

- 1 Yes, but not in the PAST 3 MONTHS
- 3 Yes, during the PAST 3 MONTHS

- 5 no

d don't know r refused
@

[@] <1,3,5,d,r>

>cnas5<

[r] Have you EVER TRIED AND FAILED to control, cut down or stop using cannabis, [n]
[r] marijuana or hash? Would you say: yes, within the past 3 months; yes, but [n]
[r] not in the past 3 months; or no, not at all?
[n]

- 1 Yes, but not in the PAST 3 MONTHS

3 Yes, during the PAST 3 MONTHS

5 no

d don't know r refused
@

[@] <1,3,5,d,r>

>end_can< [allow 1][store <1> in end_can]

[# === COCAINE =====]
[# =====ALL PANELS=====]

>ck1< [if panel eq <1> goto end_ck][# PANEL A skip out, Feb. 1, 2011]
[define <d><8>] [define <r><9>]

[r] Some people use COCAINE in social settings with friends, while others use it[n]
[r] for its stimulant properties. Have you EVER IN YOUR LIFETIME used COCAINE? [n]

1 yes
5 no

d don't know r refused
@

[@] <1>
<5,d,r> [goto end_ck]

>ck2< [define <d><98>][define <r><99>]

[r] How many times, if any, have you used COCAINE during the PAST 12 months: [n]
[r] would you say more than once a day, about every day, four to five times [n]
[r] a week, two to three times a week, once a week, two to three times a month, [n]
[r] once a month, less than once a month or never? [n]

1 More than once a day
2 About every day (includes SIX times a week)
3 4 to 5 times a week
4 2 to 3 times a week
5 Once a week
6 2 to 3 times a month
7 Once a month
8 Less than once a month
9 Never

d Don't Know r Refused
@

[@] <1-9,d,r>

>end_ck<

[# ===== GHQ-12 ==]

[# ==GENERAL HEALTH QUESTIONNAIRE ==]
[# ==PANEL B ONLY ==]

>int4< [#ASK ALL][if panel eq <1> goto age][# PANEL A skip out]

[r] In the next few questions we would like to know if you have experienced any [n]
[r] medical complaints, and how your health has been in general, over the past [n]
[r] FEW WEEKS. [n]

[bold][yellow]
Interviewer: if asked, even if you are healthy and had no medical complaints
I would still like to ask all questions for completeness.
[n]

Press "Enter" to continue @

[@][nodata]

>gq1< [define <d><8>][define <r><9>]

[r] Over the past few weeks, have you been able to concentrate on whatever [n]
[r] you're doing? [n]

[r] Would you say better than usual, same as usual, less than usual, or [n]
[r] much less than usual? [n]

1 better than usual
3 same as usual
5 less than usual
7 much less than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq2<

[r] Over the past few weeks, have you felt that you are playing a useful part [n]
[r] in things? [n]

[r] Would you say more so than usual, same as usual, less so than usual, or [n]
[r] much less than usual? [n]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq3<

[bold][cyan] Over the past few weeks, [n][white]

[r] have you felt capable of making decisions about things?
[n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than usual, or much less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq4<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you been able to enjoy your normal day-to-day activities?
[n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than usual, or much less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq5<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you been able to face up to your problems?
[n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than usual, or much less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

0 r volunteers "I have no problems"

d don't know r refused
@

[@] <1,3,5,7,0,d,r>

>gq6<

[r] Over the past few weeks, all things considered, have you been feeling [n]
[r] reasonably happy? [n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than usual, or much less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq7<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you lost much sleep because of worry?
[n]

[r] Would you say not at all, no more than usual, rather more than usual, or [n]
[r] much more than usual? [n]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq8<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you felt constantly under strain? [n]

[r] Would you say not at all, no more than usual, rather more than usual, or [n]
[r] much more more than usual? [n]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq9<

[bold][cyan] Over the past few weeks... [n][white]

[r] ...have you felt you could not overcome your difficulties?
[n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq10<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you been feeling unhappy and depressed?
[n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq11<

[bold][cyan] Over the past few weeks, have you...[n][white]

[r] ...been losing confidence in yourself? [n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

>gq12<

[bold][cyan] Over the past few weeks, [n][white]

[r] have you been thinking of yourself as a worthless person?
[n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

[@] <1,3,5,7,d,r>

[# ===== **PSYCHOTHERAPEUTICS**
=====]
[# === PANEL B ===]

>int2< [#ask all]

[r] The next set of questions are about various types of prescription
[n]
[r] medications -- medications that are prescribed by a doctor or
psychiatrist. [n]

Press "Enter" to continue @

[@][nodata]

>ps11< [#ask all] [define <d><8>] [define <r><9>]

[r] In the past 12 months, have you taken any prescription
medication to reduce [n]
[r] anxiety or panic attacks? [n]

1 yes
5 no

d don't know r refused
@

[@] <1,d>
<5,r> [goto ps16]

>ps16< [# ask all] [define <d><8>] [define <r><9>]

[r] In the past 12 months, have you taken any prescription
medication to treat [n]
[r] depression? [n]

1 yes
5 no

d don't know r refused
@

[@] <1,d>
<5,r> [goto end_psy]

>end_psy<

[#===== PAIN RELIEVERS =====]
[# === PANEL B ONLY ===]

>Int_pr< [# items revised 2010]

[r] The next few questions are about your use of various pain
relievers in [n]
[r] the past 12 months. We are NOT interested in REGULAR, over
the counter [n]
[r] pain relievers such as Aspirin, Advil, Tylenol, that can be
bought in drug [n]
[r] stores or grocery stores WITHOUT a doctor's prescription.
[n]

[r] In these questions, by PAIN RELIEVERS, we mean those that
are obtained by [n]
[r] a PRESCRIPTION from a doctor or dentist (such as Percocet,
Percodan, [n]
[r] Demerol, OxyContin, Tylenol #3 or other products).
[n]

[r] Some people use these medications to treat pain resulting from
an illness, [n]
[r] injury or for some other reason. [n]

Press "Enter" to continue @

[@][nodata]

>po1< [define <d><98>] [define <r><99>] [#new 2010]

[r] In the past 12 months how many times, if at all, have you used
ANY such [n]
[r] pain relievers WITH A PRESCRIPTION or because a doctor
told you to take them?[n]
[r] Would you say 1 or 2 times, 3 to 5 times, 6 to 9 times, 10 to 19
times, [n]
[r] 20 to 39 times, 40 times or more often?
[n]

[bold][yellow]
Interviewer if asked: we mean pain relievers available by
prescription OR from
any other source.

Such pain relievers include:
Endocet Morphine sulphate Pethidine Robaxacet 8
Codeine Contin Fiorinal Oxycodone-IR (instant release)
Demerol Hydromorph Contin Oxycontin Robaxisal
Dilaudid Kadian Percocet Tylenol #2, #3 or #4
Duragesic MS Contin Percodan

[n][white]

1 1 or 2 times
2 3 to 5 times
3 6 to 9 times
4 10 to 19 times
5 20 to 39 times
6 40 or more times

9 Never

d Don't Know r Refused
@

[@] <1-9,d,r>

>po2< [define <d><98>] [define <r><99>] [#new 2010]

[r] In the past 12 months how many times, if at all, have you used
ANY such [n]
[r] pain relievers WITHOUT A PRESCRIPTION or without a
doctor telling you to [n]
[r] take them? Would you say 1 or 2 times, 3 to 5 times, 6 to 9
times, [n]
[r] 10 to 19 times, 20 to 39 times, 40 times or more often?
[n]

[bold][yellow]
Interviewer if asked: we mean pain relievers available by
prescription OR from
any other source.

Such pain relievers include:
Endocet Morphine sulphate Pethidine Robaxacet 8
Codeine Contin Fiorinal Oxycodone-IR (instant release)
Demerol Hydromorph Contin Oxycontin Robaxisal
Dilaudid Kadian Percocet Tylenol #1, #2, #3 or
#4
Duragesic MS Contin Percodan
[n][white]

1 1 or 2 times
2 3 to 5 times
3 6 to 9 times
4 10 to 19 times
5 20 to 39 times
6 40 or more times

9 Never
d Don't Know r Refused
@

[@] <1-6>
<9,d,r>[goto oxy2]

>pr7< [# ASK all users without prescription, if po2 eq 1-6] [#new
2010]

[r] During the past 12 months, did you ever use pain relievers for the feelings [n]

[r] it caused or to get high? [n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>prs1< [# ASK all users without prescription, if po2 eq 1-6] [#new April 2011]

[r] Thinking about ALL the pain relievers you have used during the past 12 [n]
[r] months WITHOUT a doctor's prescription, how did you get them? [n]

[bold][yellow]

Interviewer: if needed, "If you used them more than once, please think about the last time you used them."

[n][white]

- 1 from a prescription written for someone else (family member or a friend)
- 2 bought from someone you know, without a prescription
- 3 bought from someone on "the street" or in a club/bar
- 4 from any other source

d don't know r refused
@

[@] <1-4,d,r>

[#====OXYCONTIN=====]

[#==ASK ALL users WITHOUT PRESCRIPTION, if po2 eq 1-6 ==]

[# == OXYCONTIN- New in 2006, added in 2010 ==#]

>oxy2< [if po2 ge <9> goto ck_dpo]

[r] In the past 12 months, how many times, if at all, have you used OXYCONTIN [n]

[r] WITHOUT A PRESCRIPTION or without a doctor telling you to take it? [n]

[r] Would you say 1 or 2 times, 3 to 5 times, 6 to 9 times, 10 to 19 times, [n]
[r] 20 to 39 times, 40 times or more often?
[n]

- 1 1 or 2 times
- 2 3 to 5 times
- 3 6 to 9 times
- 4 10 to 19 times
- 5 20 to 39 times
- 6 40 or more times

9 Never

d Don't Know r Refused
@

[@] <1-9,d,r>

[#==we need to count "all users" of PR (PR user=1) here]

[#== Driving and Use of Prescription Pain Relievers==]

[#ASK Only PR users who are drivers ? PR user=1& drive=1]

>ck_dpo< [if po1 ge <1> and po1 le <6>]
[if drive eq <1>]
[goto dpo1]
[else]
[goto end_pr]
[endif all]

>dpo1< [if drive gt <1>][goto end_pr][endif][#add in Jan. 12, 2010]

[if po1 ge <6>][goto end_pr][endif][#add in Jan. 12, 2010]
[define <d><8>][define <r><9>] [#new 2010]

[r] During the past 12 months, have you driven a motor vehicle after taking [n]

[r] any prescription pain relievers in the previous hour?
[n]

[bold][yellow]

Interviewer, if asked: by motor vehicle we mean car, truck, van, motorcycle, boat, or snowmobile.

[n][white]

1 yes
5 no

7 don't drive

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto end_pr]

>end_pr< [allow int 1]
[store <1> in end_pr]

[# === ADHD Block - (Panel B only), new in 2011
=====]

>int_adh<

[r] The next set of questions are about difficulties with attention or [n]

[r] concentration that some people might experience at home, work or school. [n]

Press "Enter" to continue @

[@][nodata]

>adh1<

[r] In the past 6 MONTHS, how often have you had trouble wrapping up the final [n]
[r] details of a project, once the challenging parts have been done?
[n]

[r] Would you say: never, rarely, sometimes, often, or very often?
[n]

[bold][yellow]

Interviewer: this could be a project at home, work or school.
[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh2<

[r] In the past 6 MONTHS, how often have you had difficulty getting things in [n]
[r] order when you have to do a task that requires organization?
[n]

[r] Would you say: never, rarely, sometimes, often, or very often?
[n]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh3<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you had problems remembering appointments or obligations? [n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often?
[n][white]

[bold][yellow]

Interviewer: (if necessary) please think about any type of appointments or obligations you might have at home, work or school.
[n][white]

- 1 never
- 2 rarely (includes 'almost never')

- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh4<

[bold][cyan] In the past 6 months [n][white]

[r] When you have had a task that requires a lot of thought, how often have you [n]

[r] avoided or delayed getting started? [n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often?
[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh5<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you fidgeted or squirmed with your hands or feet when you [n]

[r] have to sit down for a long time? [n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often?
[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh6<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you felt overly active and compelled to do things, like you [n]

[r] were driven by a motor? [n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often?
[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh7<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you left your seat in meetings or any other situations [n]

[r] in which you are expected to remain seated?

[n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often?

[n][white]

[bold][yellow]

Interviewer: (if necessary) please think about any type of situations in which you are expected to remain seated such as meetings, theatre, dinner table, with friends, etc.

[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh8<

[r] In the past 6 months, how often do you find yourself finishing the sentences[n]

[r] of people you are talking to, before they can finish them themselves? [n]

[r] Would you say: never, rarely, sometimes, often, or very often?
[n]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh9<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you had difficulty waiting your turn in situations when turn [n]

[r] taking is required? [n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often?

[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh10<

[bold][cyan] In the past 6 months [n][white]

[r] How often do you interrupt others when they are busy?

[n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often?

[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

[#===ADHD medication =====]

>Intro<

[r] Sometimes people are hyperactive or have difficulty concentrating. This is [n]

[r] called Attention Deficit Disorder (ADD) or Attention Deficit Hyperactivity [n]

[r] Disorder (ADHD). [n]

Press "Enter" to continue @

[@][nodata]

>adh11<

[r] Have you ever been diagnosed with Attention Deficit Disorder (ADD) or [n]

[r] Attention Deficit Hyperactivity Disorder (ADHD) by a doctor or health [n]

[r] care professional? [n]

- 1 yes

[r] The next questions are about things some people may have
done before or [n]
[r] after they were 15 years old. [n]

Press "Enter" to continue @

[@][nodata]

>apd1<

[r] BEFORE you were 15 years old, did you repeatedly skip school
or run away [n]
[r] from home overnight? [n]

[bold][yellow]

Interviewer: By repeatedly we mean more than a few times.
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>apd2<

[r] BEFORE you were 15 years old, did you repeatedly lie, cheat,
or steal? [n]

[bold][yellow]

Interviewer: By repeatedly we mean more than a few times.
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>apd3<

[bold][cyan] Before you were 15 years old, [n][white]
[r] Did you start fights or bully, threaten, or intimidate others?
[n]

1 yes
5 no

d don't know r refused
@

[@] <1-5,d,r>

>apd4<

[bold][cyan] Before you were 15 years old, [n][white]
[r] Did you deliberately destroy things or start fires?
[n]

1 yes

5 no

d don't know r refused
@

[@] <1-5,d,r>

>apd5<

[bold][cyan] Before you were 15 years old, [n][white]
[r] Did you deliberately hurt animals or people?
[n]

1 yes
5 no

d don't know r refused
@

[@] <1-5,d,r>

>ck_apd< [allow int 1]

```
[store <0> in ck_apd]
[if apd1 eq <1>][add <1> to ck_apd][endif]
[if apd2 eq <1>][add <1> to ck_apd][endif]
[if apd3 eq <1>][add <1> to ck_apd][endif]
[if apd4 eq <1>][add <1> to ck_apd][endif]
[if apd5 eq <1>][add <1> to ck_apd][endif]
[if ck_apd gt <3>]
  [goto apd6]
[else]
  [goto end_apd]
[endif]
```

>apd6< [#ASK ONLY if ck_apd gt 3]

[r] The next questions are about things some people may have
done AFTER they [n]
[r] were 15 years old. [n]

[r] Since you were 15 years old, have you repeatedly behaved in a
way that [n]
[r] others would consider irresponsible, like failing to pay for
things you owed,[n]
[r] deliberately being impulsive or deliberately not working to
support yourself?[n]

[bold][yellow]

Interviewer: By repeatedly we mean more than a few times.
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1-5,d,r>

>apd7<

[r] Since you were 15 years old, have you done things that are
illegal even if [n]

[r] you didn't get caught. For example, destroying property,
shoplifting, [n]
[r] stealing, selling drugs, or committing a felony?
[n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>apd8<

[bold][cyan] Since you were 15 years old[n][white]
[r] Have you been in physical fights repeatedly.
[n]

[bold][yellow]
Interviewer: By repeatedly we mean more than a few times.
Physical fights
including physical fights with your spouse or children.
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1-5,d,r>

>apd9<

[bold][cyan] Since you were 15 years old[n][white]
[r] Have you often lied to other people to get money or pleasure, or
lied just [n]
[r] for fun? [n]

1 yes
5 no

d don't know r refused
@

[@] <1-5,d,r>

>apd10<

[bold][cyan] Since you were 15 years old[n][white]
[r] Have you put others in danger without caring?
[n]

1 yes
5 no

d don't know r refused
@

[@] <1-5,d,r>

>apd11<

[bold][cyan] Since you were 15 years old[n][white]

[r] Have you felt no guilt after hurting, mistreating, lying to, or
stealing [n]
[r] from others, or after damaging property?
[n]

1 yes
5 no

d don't know r refused
@

[@] <1-5,d,r>

>end_apd< [allow int 1]
[store <1> in end_apd]

>crime< [#===ASK all – Panel B===]

[r] Have you ever, in your lifetime, been arrested for a criminal
offence? [n]

[bold][yellow]
Interviewer: by criminal offence we mean things like cannabis
possession,
theft, assault, a dangerous driving offence, driving over the legal
limit,
etc.
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

[# === DEMOGRAPHICS =====]
[#===ALL PANELS]

>age< [define <d><9998>][define <r><9999>]

[r] Finally, these last questions are for classification purposes only.
[n]

[r] First, in what year were you born? [n]

1900-1993 Enter year

d don't know r refused
@

[@] <1900-1993,d,r>

>sd2< [define <d><98>][define <r><99>]

[r] What is the highest level of education you have completed?
[n]

1 No schooling
2 Some elementary school

3 Completed elementary school
 4 Some high school/junior high
 5 Completed high school
 6 Some community college
 7 Some technical school (College Classique, CEGEP)

8 Completed community college
 9 Completed technical school (College Classique, CEGEP)

10 Some University
 11 Completed Bachelor's Degree (Arts, Science, Engineering,
 etc.)
 12 Post graduate Training: MA, MSc, MBA, MSW, etc.

13 Post graduate Training: PhD, "doctorate"
 14 Professional Degree (Law, Medicine, Dentistry)

d Don't Know r Refused
 @

[@] <1-14,d,r>

>sd3< [define <s><0>]

[r] What is your religion? [n]

1 Anglican	8 Hindu	7 Orthodox
2 Baptist	9 Jehovah's Witness	16 Pentecostal
3 Born-again Christian	10 Jewish	17 Presbyterian
4 Buddhist	11 Latter Day Saints	18 Protestant
5 Catholic	12 Lutheran	5 RC
6 Christian	13 Mennonite	5 Roman Catholic
1 Church of England	22 Methodist	19 Salvation Army
7 Eastern Orthodox	11 Mormon	20 Sikh
1 Episcopalian	14 Muslim	21 United Church
7 Greek Orthodox	15 Non-denominational	23 Unitarian

s Other religion (specify)

97 No religion/Atheist d Don't know r Refused

@

[@] <1-23,97>
 <d,r> [goto sd5]
 <s> [specify]

>sd5< [define <d><8>] [define <r><9>]

[r] At present are you married, living with a partner, widowed,
 divorced, [n]
 [r] separated, or have you never been married?
 [n]

1 married
 2 living with a partner
 3 widowed
 4 divorced
 5 separated
 6 never married

d don't know r refused
 @

[@] <1-6,d,r>

>sd5a< [define <d><98>] [define <r><99>]

[r] Including yourself, how many people are currently living in
 your household? [n]

1-97 enter number

d don't know r refused
 @

[@] <1-97,d,r>

>sd6r< [# revised item name in 2008B]

[r] Are you presently working for pay in a full-time or in a part-
 time job, are [n]

[r] you unemployed, retired, a homemaker, a student, or something
 else? [n]

1 full-time job (including those on vacations, pregnancy
 leave,
 illness, or other types of paid leave from work)
 2 part-time job
 3 two or more jobs (self-employed and work for pay, part-
 time
 and full-time work, etc.)

4 unemployed
 5 retired (includes retired and working part-time)
 6 homemaker
 7 student (includes students working part-time)
 8 self-employed
 9 disability

0 other
 d don't know r refused
 @

[@] <1-5,8> [goto sd7]

<6>

<0,7,9,d,r> [goto sd7b]

>sd6b< [define <d><8>] [define <r><9>]

[r] Did you ever work for pay in a full-time or in a part-time job?
 [n]

1 yes
 5 no

d don't know r refused
 @

[@] <1>

<5,d,r> [goto sd7b]

>sd7< [define <d><8>][define <r><9>]

[if sd6r ge <1>][if sd6r le <3>]

[r] What is your main occupation? [n]

[endif][endif]

[if sd6r eq <8>] [# self employed added]

[r] What is your main occupation? [n]


```

[endif]
[if sd6r is <4>]
[r] When you were last employed, what was your main
occupation? [n]
[endif]
[if sd6r is <5>]
[r] Before you retired, what was your main occupation?
[n]
[endif]
[if sd6r is <6>]
[r] When you were last employed, what was your main
occupation? [n]
[endif]

```

[bold][yellow]
INTERVIEWER: DO NOT accept one word answers such as "co-ordinator", "clerk", "works at bank", "businessman" etc. Please be specific!

ASK FOR job title, what kind of business, industry or service!
[n][white]

1 Enter text, end with //

d don't know r refused
@

[@] <1> [specify]
<d,r>

>sd7b< [define <d><8>] [define <r><9>] [#ASK ALL]

[r] Do you currently have a valid driver's licence?
[n]

[bold][yellow]
Interviewer: if respondent says "no", ask "did you have one in the past 12 months?"
[n][white]

1 yes

5 no

7 No, but I had one in the past 12 months

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto sd8]

>sd7c< [#new in 2009] [define <d><8>] [define <r><9>]

[r] What type of driver's licence do you have now? Do you have a level one [n]
[r] licence, a level two licence, or a full licence?
[n]

1 Level One licence (includes G1, M1, or 'learner's')

2 Level Two graduated licence (includes G2, M2, 'intermediate' or 'probationary')

3 Full licence (includes G, M or 'unrestricted')

4 other, specify
d don't know r refused
@

[@] <1-3,d,r>
<4>[specify]

>sd8< [define <d><98>] [define <r><99>] [define <s><0>]

[r] What language do you usually speak in your own home?
[n]

6 ENGLISH 7 French

1 Cantonese	13 Italian	22 Somali
1 Chinese	14 Japanese	23 Spanish
2 Croatian	15 Korean	4 Swedish
3 Czech	16 Macedonian	24 Tamil
4 Danish	1 Mandarin	25 Ukrainian
5 Dutch	4 Norwegian	26 Urdu
8 Filipino	17 Polish	27 Vietnamese
4 Finnish	18 Portuguese	28 Welsh
9 German	19 Punjabi	29 Yugoslavian
10 Greek	30 Romanian	
11 Hindi	20 Russian	
12 Hungarian	21 Serbian	

s Other (specify) r Refused
@

[@] <1-30>
<s> [specify]
<d,r>

>sd8a<

[r] In what country were you born? [n]

1 Canada	23 Iran	
2 China	11 Jamaica	20 United States
22 Colombia	12 Netherlands /Holland	21 United Kingdom
3 France	24 Pakistan	
4 Germany	13 Philippines	
5 Greece	14 Poland	
6 Guyana	15 Portugal	
7 Hong Kong	16 Romania	
8 Hungary	17 Russia	
9 India	18 Viet Nam	
10 Italy	19 Sri Lanka	

s Other (specify) r Refused
@

[@] <2-21>
<s>[specify]
<1,d,r>[goto sd9a]

>sd8b< [define <d><9998>] [define <r><9999>]

[r] In what year did you first come to Canada to live?
[n]

[bold][yellow]

INTERVIEWER: Minimum is year of birth; maximum is current year.

[n][white]

1900-2011 Enter year

0 I was born a canadian citizen

d don't know r refused

@

[@] <1900-2011,0,d,r>

>sd9a< [define <s><0>] [define <d><98>] [define <r><99>]

[r] To what ethnic or cultural group did you, or your ancestors belong on first [n]

[r] coming to this continent? [n]

[bold][yellow]

INTERVIEWER: If R is not clear, say "Are you Scottish, Chinese, Greek, or something else?"

[n][white]

1 Australian 13 Ethiopian 24 Jamaican 33 Portuguese 41

Vietnamese

2 Austrian 14 French 25 Japanese 34 Russian 8

Yugoslavian

3 Bahamian 10 Finnish 26 Jewish 6 SCOTTISH 6

Welsh

4 Bangladeshi 15 German 27 Korean 8 Serbian 95

Aboriginal

5 BLACK/African 16 Greek 28 Lebanese 35 Punjabi 96

Canadian

6 British 17 Guyanese 8 Macedonian 36 Somalia

7 Chinese 18 Haitian 1 New Zealand 9 Slovakian

8 Croatian 11 Holland 11 Netherlands 37 Spanish

9 Czech 19 Hungarian 29 Nigerian 38 Sri Lanka

10 Danish 20 Irish 10 Norwegian 10 Swedish

11 Dutch 21 Italian 30 Pakistani 38 Tamil

6 English 22 Indian 31 Philipino 39 Trinidadian

12 El Salvador 23 Israeli 32 Polish 40 Ukrainian

41 Romanian 42 Colombian 43 Iranian

s Other (specify) d Don't know r Refused @

[@] <1-41,95,96>[goto sd9c]

<d,r> [goto sd10]

<s> [specify]

>sd9c< [define <d><98>] [define <r><99>] [define <s><0>]

[bold][yellow] (INTERVIEWER: Enter SECOND mention only here.[n][white]

97 NO SECOND MENTION

1 Australian 13 Ethiopian 24 Jamaican 33 Portuguese 41

Vietnamese

2 Austrian 14 French 25 Japanese 34 Russian 8

Yugoslavian

3 Bahamian 10 Finnish 26 Jewish 6 SCOTTISH 6

Welsh

4 Bangladeshi 15 German 27 Korean 8 Serbian 95

Aboriginal

5 BLACK/African 16 Greek 28 Lebanese 35 Punjabi 96

Canadian

6 British 17 Guyanese 8 Macedonian 36 Somalia

7 Chinese 18 Haitian 1 New Zealand 9 Slovakian

8 Croatian 11 Holland 11 Netherlands 37 Spanish

9 Czech 19 Hungarian 29 Nigerian 38 Sri Lanka

10 Danish 20 Irish 10 Norwegian 10 Swedish

11 Dutch 21 Italian 30 Pakistani 38 Tamil

6 English 22 Indian 31 Philipino 39 Trinidadian

12 El Salvador 23 Israeli 32 Polish 40 Ukrainian

41 Romanian 42 Colombian 43 Iranian

s Other (specify) d Don't know r Refused

@

[@] <1-41,95,96,97,d,r>

<s> [specify]

>sd10< [define <d><999998.00>][define <r><999999.00>]

[r] Could you please tell me how much income you and other members of your [n]

[r] household received in the year ending December 31st 2010, before taxes? [n]

[r] Please include income FROM ALL SOURCES such as savings, pensions, rent, and [n]

[r] unemployment insurance as well as wages.

[n]

[r] TO THE NEAREST THOUSAND DOLLARS, what was your TOTAL HOUSEHOLD INCOME before[n]

[r] taxes and other deductions were made?

[n]

@ Enter full amount (include thousands)

d don't know r refused

[@] <1000.00-999996.00> [input format dollar commas] [goto IN_POSTAL]

<d,r>

>sd10b< [define <d><98>][define <r><99>]

[r] We don't need the exact amount; could you tell me which of these broad [n]

[r] categories it falls into... [n]

1...less than \$20,000

2...between \$20,000 and \$30,000 (\$29,999.99)

3...between \$30,000 and \$40,000

4...between \$40,000 and \$50,000

5...between \$50,000 and \$60,000

6...between \$60,000 and \$70,000

7...between \$70,000 and \$80,000

8...between \$80,000 and \$90,000

9...between \$90,000 and \$100,000, or

10...more than \$100,000?

d Don't Know r Refused

@

[@] <1-10,d,r>

[# ===== begin POSTAL code routine

=====]

```

>IN_POSTAL< [allow int 1]
    [if not entry mode][goto DONE_POSTAL][endif]
    [store <1> in IN_POSTAL]
    [start timer]
    [start question count]

>timer_POSTAL< [allow int 6]
>count_POSTAL< [allow int 2]

>START_POSTAL< [undefine <d>][undefine <r>] [# core]

>problem1< [template]

[if PROV is <10>]
    Postal Codes in NEWFOUNDLAND must begin with: A
[endif]
[if PROV is <11>]
    Postal Codes in PRINCE EDWARD ISLAND must begin with:
    C
[endif]
[if PROV is <12>]
    Postal Codes in NOVA SCOTIA must begin with: B
[endif]
[if PROV is <13>]
    Postal Codes in NEW BRUNSWICK must begin with: E
[endif]
[if PROV is <24>]
    Postal Codes in QUEBEC must begin with: G, H, or J
[endif]
[if PROV is <35>]
    Postal Codes in ONTARIO must begin with: K,L,M,N,or P
[endif]
[if PROV is <46>]
    Postal Codes in MANITOBA must begin with: R
[endif]
[if PROV is <47>]
    Postal Codes in SASKATCHEWAN must begin with: S
[endif]
[if PROV is <48>]
    Postal Codes in ALBERTA must begin with: T
[endif]
[if PROV is <59>]
    Postal Codes in BRITISH COLUMBIA must begin with: V
[endif]
[if PROV is <60>]
    Postal Codes in YUKON must begin with: Y
[endif]
[if PROV is <61>]
    Postal Codes in NORTHWEST TERRITORY and NUNAVUT
    must begin with: X
[endif]

[end]

>POSTALWINS< [window 3 destroy]
    [window 3 default]
    [window 3 size 14 rows 80 columns]
    [window 3 background blue]
    [window 3 no border]

    [window 6 destroy]
    [window 6 start row 20 column 1]
    [window 6 size 17 rows 80 columns]
    [window 6 border]
    [window 6 displays]
    [window 6 background yellow]

```

```

>POSTAL< [display problem1 window 6]
    [open POSTAL][optional all]
    [autoadvance]

[r] Can you tell me your postal code please? [n]

[bold][yellow] Interviewer: Use "d" for don't know or refused at
first item only [n][white]

    @ 1 @ 2 @ 3 @ 4 @ 5 @ 6
    d

[ @ 1 ][allow 1][reject nonalpha label <only letters here>][anychar]
    <d> [goto POSTAL1]
[ @ 2 ][allow int 1]<0-9>
[ @ 3 ][allow 1][reject nonalpha][anychar]
[ @ 4 ][allow int 1] <0-9>
[ @ 5 ][allow 1][reject nonalpha][anychar]
[ @ 6 ][allow int 1] <0-9>

>POSTAL.2<

[r] Pouvez-vous me donner votre code postal, s'il-vous-pla?t?
[n]

[bold][yellow] Interviewer: Use "d" for don't know or refused at
first item only [n][white]

    @ 1 @ 2 @ 3 @ 4 @ 5 @ 6
    d

>POSTAL1< [if POSTAL@1 is <d> or POSTAL@1 is <D>]
    [store <9> in POSTAL@1]
    [store <9> in POSTAL@2]
    [store <9> in POSTAL@3]
    [store <9> in POSTAL@4]
    [store <9> in POSTAL@5]
    [store <9> in POSTAL@6]
    [goto FSA]
[endif]
[if POSTAL@2 is <d> or POSTAL@2 is <D>]
    [store <9> in POSTAL@1]
    [store <9> in POSTAL@2]
    [store <9> in POSTAL@3]
    [store <9> in POSTAL@4]
    [store <9> in POSTAL@5]
    [store <9> in POSTAL@6]
    [goto FSA]
[endif]
[if POSTAL@3 is <d> or POSTAL@3 is <D>]
    [store <9> in POSTAL@1]
    [store <9> in POSTAL@2]
    [store <9> in POSTAL@3]
    [store <9> in POSTAL@4]
    [store <9> in POSTAL@5]
    [store <9> in POSTAL@6]
    [goto FSA]
[endif]

>PCV1< [allow 7][store <> in PCV1]
>PCV2< [allow 5][store <> in PCV2]
>PCV3< [allow 7][store <> in PCV3]
>PCV4< [allow 5][store <> in PCV4]
>PCV5< [allow 7][store <> in PCV5]

```

>PCV6< [allow 5] [store <> in PCV6]

>PCV1F< [allow 8][store <> in PCV1F]
>PCV2F< [allow 6][store <> in PCV2F]
>PCV3F< [allow 8][store <> in PCV3F]
>PCV4F< [allow 6][store <> in PCV4F]
>PCV5F< [allow 8][store <> in PCV5F]
>PCV6F< [allow 6][store <> in PCV6F]

>LOAD1< [if POSTAL@1 is <a> or POSTAL@1 is <A>]
[store <Adam> in PCV1]
[store <Adam> in PCV1F]
[else]
[if POSTAL@1 is or POSTAL@1 is]
[store <Betty> in PCV1]
[store <Bertrand> in PCV1F]
[else]
[if POSTAL@1 is <c> or POSTAL@1 is <C>]
[store <Charlie> in PCV1]
[store <Charles> in PCV1F]
[else]
[if POSTAL@1 is <d> or POSTAL@1 is <D>]
[store <David> in PCV1]
[store <David> in PCV1F]
[else]
[if POSTAL@1 is <e> or POSTAL@1 is <E>]
[store <Edward> in PCV1]
[store <Edouard> in PCV1F]
[else]
[if POSTAL@1 is <f> or POSTAL@1 is <F>]
[store <Frank> in PCV1]
[store <Francis> in PCV1F]
[else]
[if POSTAL@1 is <g> or POSTAL@1 is <G>]
[store <George> in PCV1]
[store <Georges> in PCV1F]
[else]
[if POSTAL@1 is <h> or POSTAL@1 is <H>]
[store <Henry> in PCV1]
[store <Henri> in PCV1F]
[else]
[if POSTAL@1 is <i> or POSTAL@1 is <I>]
[store <Indigo> in PCV1]
[store <Indigo> in PCV1F]
[else]
[if POSTAL@1 is <j> or POSTAL@1 is <J>]
[store <John> in PCV1]
[store <Jean> in PCV1F]
[else]
[if POSTAL@1 is <k> or POSTAL@1 is <K>]
[store <King> in PCV1]
[store <Kevin> in PCV1F]
[else]
[if POSTAL@1 is <l> or POSTAL@1 is <L>]
[store <Lewis> in PCV1]
[store <Louis> in PCV1F]
[else]
[if POSTAL@1 is <m> or POSTAL@1 is <M>]
[store <Mary> in PCV1]
[store <Marie> in PCV1F]
[else]
[if POSTAL@1 is <n> or POSTAL@1 is <N>]
[store <Nancy> in PCV1]
[store <Nancy> in PCV1F]

[else]
[if POSTAL@1 is <o> or POSTAL@1 is <O>]
[store <Otto> in PCV1]
[store <Olivier> in PCV1F]
[else]
[if POSTAL@1 is <p> or POSTAL@1 is <P>]
[store <Peter> in PCV1]
[store <Pierre> in PCV1F]
[else]
[if POSTAL@1 is <q> or POSTAL@1 is <Q>]
[store <Queen> in PCV1]
[store <Qu?bec> in PCV1F]
[else]
[if POSTAL@1 is <r> or POSTAL@1 is <R>]
[store <Robert> in PCV1]
[store <Robert> in PCV1F]
[else]
[if POSTAL@1 is <s> or POSTAL@1 is <S>]
[store <Susan> in PCV1]
[store <Sylvie> in PCV1F]
[else]
[if POSTAL@1 is <t> or POSTAL@1 is <T>]
[store <Thomas> in PCV1]
[store <Thomas> in PCV1F]
[else]
[if POSTAL@1 is <u> or POSTAL@1 is <U>]
[store <Union> in PCV1]
[store <Univers> in PCV1F]
[else]
[if POSTAL@1 is <v> or POSTAL@1 is <V>]
[store <Victor> in PCV1]
[store <Victor> in PCV1F]
[else]
[if POSTAL@1 is <w> or POSTAL@1 is <W>]
[store <William> in PCV1]
[store <William> in PCV1F]
[else]
[if POSTAL@1 is <x> or POSTAL@1 is <X>]
[store <X-ray> in PCV1]
[store <Xerox> in PCV1F]
[else]
[if POSTAL@1 is <y> or POSTAL@1 is <Y>]
[store <Young> in PCV1]
[store <Yvon> in PCV1F]
[else]
[if POSTAL@1 is <z> or POSTAL@1 is <Z>]
[store <Zebra> in PCV1]
[store <Z?bre> in PCV1F]
[endif all]

>LOAD2< [if POSTAL@2 eq <1>]
[store <One> in PCV2]
[store <Un> in PCV2F]
[else]
[if POSTAL@2 eq <2>]
[store <Two> in PCV2]
[store <Deux> in PCV2F]
[else]
[if POSTAL@2 eq <3>]
[store <Three> in PCV2]
[store <Trois> in PCV2F]
[else]
[if POSTAL@2 eq <4>]
[store <Four> in PCV2]
[store <Quatre> in PCV2F]
[else]
[if POSTAL@2 eq <5>]
[store <Five> in PCV2]

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    [store <Cinq> in PCV2F]
[else]
[if POSTAL@2 eq <6>]
    [store <Six> in PCV2]
    [store <Six> in PCV2F]
[else]
[if POSTAL@2 eq <7>]
    [store <Seven> in PCV2]
    [store <Sept> in PCV2F]
[else]
[if POSTAL@2 eq <8>]
    [store <Eight> in PCV2]
    [store <Huit> in PCV2F]
[else]
[if POSTAL@2 eq <9>]
    [store <Nine> in PCV2]
    [store <Neuf> in PCV2F]
[else]
[if POSTAL@2 eq <0>]
    [store <Zero> in PCV2]
    [store <Z?ro> in PCV2F]
[endif all]

>LOAD3<    [if POSTAL@3 is <a> or POSTAL@3 is <A>]
    [store <Adam> in PCV3]
    [store <Adam> in PCV3F]
[else]
[if POSTAL@3 is <b> or POSTAL@3 is <B>]
    [store <Betty> in PCV3]
    [store <Bertrand> in PCV3F]
[else]
[if POSTAL@3 is <c> or POSTAL@3 is <C>]
    [store <Charlie> in PCV3]
    [store <Charles> in PCV3F]
[else]
[if POSTAL@3 is <d> or POSTAL@3 is <D>]
    [store <David> in PCV3]
    [store <David> in PCV3F]
[else]
[if POSTAL@3 is <e> or POSTAL@3 is <E>]
    [store <Edward> in PCV3]
    [store <Edouard> in PCV3F]
[else]
[if POSTAL@3 is <f> or POSTAL@3 is <F>]
    [store <Frank> in PCV3]
    [store <Francis> in PCV3F]
[else]
[if POSTAL@3 is <g> or POSTAL@3 is <G>]
    [store <George> in PCV3]
    [store <Georges> in PCV3F]
[else]
[if POSTAL@3 is <h> or POSTAL@3 is <H>]
    [store <Henry> in PCV3]
    [store <Henri> in PCV3F]
[else]
[if POSTAL@3 is <i> or POSTAL@3 is <I>]
    [store <Indigo> in PCV3]
    [store <Indigo> in PCV3F]
[else]
[if POSTAL@3 is <j> or POSTAL@3 is <J>]
    [store <John> in PCV3]
    [store <Jean> in PCV3F]
[else]
[if POSTAL@3 is <k> or POSTAL@3 is <K>]
    [store <King> in PCV3]
    [store <Kevin> in PCV3F]
[else]
[if POSTAL@3 is <l> or POSTAL@3 is <L>]

    [store <Lewis> in PCV3]
    [store <Louis> in PCV3F]
[else]
[if POSTAL@3 is <m> or POSTAL@3 is <M>]
    [store <Mary> in PCV3]
    [store <Marie> in PCV3F]
[else]
[if POSTAL@3 is <n> or POSTAL@3 is <N>]
    [store <Nancy> in PCV3]
    [store <Nancy> in PCV3F]
[else]
[if POSTAL@3 is <o> or POSTAL@3 is <O>]
    [store <Otto> in PCV3]
    [store <Olivier> in PCV3F]
[else]
[if POSTAL@3 is <p> or POSTAL@3 is <P>]
    [store <Peter> in PCV3]
    [store <Pierre> in PCV3F]
[else]
[if POSTAL@3 is <q> or POSTAL@3 is <Q>]
    [store <Queen> in PCV3]
    [store <Qu?bec> in PCV3F]
[else]
[if POSTAL@3 is <r> or POSTAL@3 is <R>]
    [store <Robert> in PCV3]
    [store <Robert> in PCV3F]
[else]
[if POSTAL@3 is <s> or POSTAL@3 is <S>]
    [store <Susan> in PCV3]
    [store <Sylvie> in PCV3F]
[else]
[if POSTAL@3 is <t> or POSTAL@3 is <T>]
    [store <Thomas> in PCV3]
    [store <Thomas> in PCV3F]
[else]
[if POSTAL@3 is <u> or POSTAL@3 is <U>]
    [store <Union> in PCV3]
    [store <Univers> in PCV3F]
[else]
[if POSTAL@3 is <v> or POSTAL@3 is <V>]
    [store <Victor> in PCV3]
    [store <Victor> in PCV3F]
[else]
[if POSTAL@3 is <w> or POSTAL@3 is <W>]
    [store <William> in PCV3]
    [store <William> in PCV3F]
[else]
[if POSTAL@3 is <x> or POSTAL@3 is <X>]
    [store <X-ray> in PCV3]
    [store <Xerox> in PCV3F]
[else]
[if POSTAL@3 is <y> or POSTAL@3 is <Y>]
    [store <Young> in PCV3]
    [store <Yvon> in PCV3F]
[else]
[if POSTAL@3 is <z> or POSTAL@3 is <Z>]
    [store <Zebra> in PCV3]
    [store <Z?bre> in PCV3F]
[endif all]

>LOAD4<    [if POSTAL@4 eq <1>]
    [store <One> in PCV4]
    [store <Un> in PCV4F]
[else]
[if POSTAL@4 eq <2>]
    [store <Two> in PCV4]
    [store <Deux> in PCV4F]

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```

[else]
[if POSTAL@4 eq <3>]
  [store <Three> in PCV4]
  [store <Trois> in PCV4F]
[else]
[if POSTAL@4 eq <4>]
  [store <Four> in PCV4]
  [store <Quatre> in PCV4F]
[else]
[if POSTAL@4 eq <5>]
  [store <Five> in PCV4]
  [store <Cinq> in PCV4F]
[else]
[if POSTAL@4 eq <6>]
  [store <Six> in PCV4]
  [store <Six> in PCV4F]
[else]
[if POSTAL@4 eq <7>]
  [store <Seven> in PCV4]
  [store <Sept> in PCV4F]
[else]
[if POSTAL@4 eq <8>]
  [store <Eight> in PCV4]
  [store <Huit> in PCV4F]
[else]
[if POSTAL@4 eq <9>]
  [store <Nine> in PCV4]
  [store <Neuf> in PCV4F]
[else]
[if POSTAL@4 eq <0>]
  [store <Zero> in PCV4]
  [store <Z?ro> in PCV4F]
[endif all]

>LOAD5<  [if POSTAL@5 is <a> or POSTAL@5 is <A>]
  [store <Adam> in PCV5]
  [store <Adam> in PCV5F]
[else]
[if POSTAL@5 is <b> or POSTAL@5 is <B>]
  [store <Betty> in PCV5]
  [store <Bertrand> in PCV5F]
[else]
[if POSTAL@5 is <c> or POSTAL@5 is <C>]
  [store <Charlie> in PCV5]
  [store <Charles> in PCV5F]
[else]
[if POSTAL@5 is <d> or POSTAL@5 is <D>]
  [store <David> in PCV5]
  [store <David> in PCV5F]
[else]
[if POSTAL@5 is <e> or POSTAL@5 is <E>]
  [store <Edward> in PCV5]
  [store <Edouard> in PCV5F]
[else]
[if POSTAL@5 is <f> or POSTAL@5 is <F>]
  [store <Frank> in PCV5]
  [store <Francis> in PCV5F]
[else]
[if POSTAL@5 is <g> or POSTAL@5 is <G>]
  [store <George> in PCV5]
  [store <Georges> in PCV5F]
[else]
[if POSTAL@5 is <h> or POSTAL@5 is <H>]
  [store <Henry> in PCV5]
  [store <Henri> in PCV5F]
[else]
[if POSTAL@5 is <i> or POSTAL@5 is <I>]
  [store <Indigo> in PCV5]
  [store <Indigo> in PCV5F]
[else]
[if POSTAL@5 is <j> or POSTAL@5 is <J>]
  [store <John> in PCV5]
  [store <Jean> in PCV5F]
[else]
[if POSTAL@5 is <k> or POSTAL@5 is <K>]
  [store <King> in PCV5]
  [store <Kevin> in PCV5F]
[else]
[if POSTAL@5 is <l> or POSTAL@5 is <L>]
  [store <Lewis> in PCV5]
  [store <Louis> in PCV5F]
[else]
[if POSTAL@5 is <m> or POSTAL@5 is <M>]
  [store <Mary> in PCV5]
  [store <Marie> in PCV5F]
[else]
[if POSTAL@5 is <n> or POSTAL@5 is <N>]
  [store <Nancy> in PCV5]
  [store <Nancy> in PCV5F]
[else]
[if POSTAL@5 is <o> or POSTAL@5 is <O>]
  [store <Otto> in PCV5]
  [store <Olivier> in PCV5F]
[else]
[if POSTAL@5 is <p> or POSTAL@5 is <P>]
  [store <Peter> in PCV5]
  [store <Pierre> in PCV5F]
[else]
[if POSTAL@5 is <q> or POSTAL@5 is <Q>]
  [store <Queen> in PCV5]
  [store <Qu?bec> in PCV5F]
[else]
[if POSTAL@5 is <r> or POSTAL@5 is <R>]
  [store <Robert> in PCV5]
  [store <Robert> in PCV5F]
[else]
[if POSTAL@5 is <s> or POSTAL@5 is <S>]
  [store <Susan> in PCV5]
  [store <Sylvie> in PCV5F]
[else]
[if POSTAL@5 is <t> or POSTAL@5 is <T>]
  [store <Thomas> in PCV5]
  [store <Thomas> in PCV5F]
[else]
[if POSTAL@5 is <u> or POSTAL@5 is <U>]
  [store <Union> in PCV5]
  [store <Univers> in PCV5F]
[else]
[if POSTAL@5 is <v> or POSTAL@5 is <V>]
  [store <Victor> in PCV5]
  [store <Victor> in PCV5F]
[else]
[if POSTAL@5 is <w> or POSTAL@5 is <W>]
  [store <William> in PCV5]
  [store <William> in PCV5F]
[else]
[if POSTAL@5 is <x> or POSTAL@5 is <X>]
  [store <X-ray> in PCV5]
  [store <Xerox> in PCV5F]
[else]
[if POSTAL@5 is <y> or POSTAL@5 is <Y>]
  [store <Young> in PCV5]
  [store <Yvon> in PCV5F]
[else]
[if POSTAL@5 is <z> or POSTAL@5 is <Z>]
  [store <Zebra> in PCV5]

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[store <Z?bre> in PCV5F]
[endif all]

>LOAD6< [if POSTAL@6 eq <1>]
[store <One> in PCV6]
[store <Un> in PCV6F]
[else]
[if POSTAL@6 eq <2>]
[store <Two> in PCV6]
[store <Deux> in PCV6F]
[else]
[if POSTAL@6 eq <3>]
[store <Three> in PCV6]
[store <Trois> in PCV6F]
[else]
[if POSTAL@6 eq <4>]
[store <Four> in PCV6]
[store <Quatre> in PCV6F]
[else]
[if POSTAL@6 eq <5>]
[store <Five> in PCV6]
[store <Cinq> in PCV6F]
[else]
[if POSTAL@6 eq <6>]
[store <Six> in PCV6]
[store <Six> in PCV6F]
[else]
[if POSTAL@6 eq <7>]
[store <Seven> in PCV6]
[store <Sept> in PCV6F]
[else]
[if POSTAL@6 eq <8>]
[store <Eight> in PCV6]
[store <Huit> in PCV6F]
[else]
[if POSTAL@6 eq <9>]
[store <Nine> in PCV6]
[store <Neuf> in PCV6F]
[else]
[if POSTAL@6 eq <0>]
[store <Zero> in PCV6]
[store <Z?ro> in PCV6F]
[endif all]

>CHECK_POSTAL< [allow int 1][autoadvance end]

[r] So just to confirm I've entered everything correctly, your postal
code is: [n]
[r] [fill PCV1] [fill PCV2] [fill PCV3] [fill PCV4] [fill PCV5] [fill
PCV6] ([fill POSTAL@1] [fill POSTAL@2] [fill POSTAL@3]
[fill POSTAL@4] [fill POSTAL@5] [fill POSTAL@6]). [n]

[r] Is that correct? [n]

1 Yes
5 No

r refused
@

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[@]<1,9> [goto FSA]
<5> [goto FIX_POSTAL]

>CHECK_POSTAL.2<

[r] Donc, juste pour confirmer que j'ai bien entré ?a correctement,
votre code [n]
[r] postale est le: [n]
[r] [fill PCV1F] [fill PCV2F] [fill PCV3F] - [fill PCV4F] [fill
PCV5F] [fill PCV6F] ([fill POSTAL@1] [fill POSTAL@2] [fill
POSTAL@3] [fill POSTAL@4] [fill POSTAL@5] [fill
POSTAL@6]). [n]

[r] C'est bien ?a? [n]

1 Oui
5 Non

r refus
@

>FIX_POSTAL< [store <> in POSTAL@1]
[store <> in POSTAL@2]
[store <> in POSTAL@3]
[store <> in POSTAL@4]
[store <> in POSTAL@5]
[store <> in POSTAL@6]
[store <> in CHECK_POSTAL]
[goto POSTAL]

>FSA< [allow 3]
[make FSA from POSTAL@1 POSTAL@2 POSTAL@3]

>LDU< [allow 3]
[make LDU from POSTAL@4 POSTAL@5 POSTAL@6]

>POSTAL2< [if FSA is <999> goto DONE_POSTAL]

>DONE_POSTAL< [window 3 destroy]
[window 3 default]
[window 3 background blue]
[window 3 no border]
[window 6 destroy]

>OUT_POSTAL< [allow int 1]
[if not entry mode][goto END_POSTAL][endif]
[store <1> in OUT_POSTAL]
[stop timer][record timer in timer_POSTAL]
[stop question count][record question count in
count_POSTAL]

>END_POSTAL<

[#-----end of POSTAL code routine-----]

>ISR1< [goto cd]
[define <d><98>][define <r><99>]

```

[r] Not including cell phones, how many separate telephone
NUMBERS are there [n]
[r] in this household? [n]

1 One
2-97 Enter exact number

d Don't Know r Refused
@

[@] <1,d,r> [goto ISR3]
<2-97>

>ISR2< [define <d><98>] [define <r><99>]

[r] How many of these numbers are used only for business
purposes or by children[n]
[r] under 18 years of age? [n]

0-97 enter exact number

d don't know r refused
@

[@] <0-97,d,r>

>ISR3< [define <d><8>] [define <r><9>]

[r] Is telephone number [fill AREA]-[fill PRFX:0]-[fill SUFX:0]
listed in the [n]
[r] current telephone directory? [n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>cd< [if area eq <416>][goto cty1][endif]
[if area eq <519>][goto cty2][endif]
[if area eq <613>][goto cty3][endif]
[if area eq <705>][goto cty4][endif]
[if area eq <807>][goto cty5][endif]

>cty1< [allow int 2][define <d><98>] [define <r><99>][define
<s><0>]

[r] In what COUNTY or regional municipality do you live?
[n]

18 Durham RM(Oshawa Ajax Newcastle Pickering Whitby)
28 Haldimand-Norfolk RM(Nanticoke Dunnville Simcoe Delhi
Norfolk)
24 Halton RM(Burlington Halton Hills Milton Oakville)
25 Hamilton-Wentworth RM(Ancaster Dundas Flamborough
Stoney Creek)
20 Metro Toronto(North York York East York Scarborough
Etobicoke)
26 Niagara RM(St Kitts Thorold Welland Niagara-on-the Lake
Grimsby)
14 Northumberland C(Brighton Cobourg Port Hope)
21 Peel RM(Brampton Mississauga Caledon)

43 Simcoe C(Barrie Orillia Collingwood Midland Wasaga
Beach)
19 York RM(Aurora Markham Newmarket Rich Hill Vaughan
King)

s Other (specify)

d Don't Know r Refused
@

[@] <18,28,24,25,20,26,14,21,43,19,d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty2< [allow int 2][equiv cty1] [define <d><98>] [define
<r><99>][define <s><0>]

[r] In what COUNTY or regional municipality do you live?
[n]

29 Brant C(Brantford Paris Burford)
41 Bruce C(Kincardine Port Elgin Southampton Walkerton
Wiarton)
22 Dufferin C(Orangeville Shelburne Grand Valley)
34 Elgin C(St Thomas Aylmer Port Stanley)
37 Essex C(Windsor Amherstburg Leamington Tecumseh)
42 Grey C(Owen Sound Durham Hanover)
28 Haldimand-Norfolk RM(Nanticoke Dunnville Simcoe Delhi
Norfolk)
25 Hamilton-Wentworth RM(Ancaster Dundas Flamborough
Stoney Creek)
40 Huron C(Clinton Exeter Goderich Seaforth Wingham)
36 Kent C(Chatham Blenheim Wallaceburg)
38 Lambton C(Sarnia Forest Petrolia)
39 Middlesex C(London Strathroy)
32 Oxford C(Woodstock Ingersoll Tillsonburg)
21 Peel RM(Brampton Mississauga Caledon)
31 Perth C(Stratford St Marys Listowel)
30 Waterloo RM(Cambridge Kitchener Wilmot Woolwich)
23 Wellington C(Guelph Fergus Mount Forest Arthur Elora)
s other (specify) d don't know r refused
@

[@] <29,41,22,34,37,42,28,25,40,36,38,39,32,21,31,30,23> [goto
end_cty]
<d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty3< [allow int 2][equiv cty1] [define <d><98>] [define
<r><99>][define <s><0>]

[r] In what COUNTY or regional municipality do you live?
[n]

10 Frontenac C(Kingston)
46 Haliburton C(Minden)
12 Hastings C(Belleville Trenton Tweed Bancroft)
09 Lanark C(Almonte Carleton Place Smith Falls Perth)
07 Leeds & Grenville C(Brockville Gananoque Prescott)
11 Lennox & Addington C(Napanee Bath Newburgh)
48 Nipissing D(North Bay Mattawa Sturgeon Falls)
14 Northumberland C(Brighton Cobourg Port Hope)
06 Ottawa-Carleton RM(Gloucester Kanata Nepean Vanier
Cumberland)
02 Prescott & Russell C(Hawkesbury Rockland)
13 Prince Edward C(Picton Bloomfield Wellington)
47 Renfrew C(Pembroke Arnprior Deep River Barry's Bay)
01 Stormont, Dundas & Glengary C(Cornwall Alexandria)

s other (specify) d don't know r refused
@


```
[@] <10,46,12,09,07,11,48,14,06,02,13,47,01> [goto end_cty]
<d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty4<[allow int 2][equiv cty1]
[r] In what COUNTY or regional municipality do you live?
[n]
57 Algoma D(Sault Ste Marie Blind River Elliott Lake)
56 Cochrane D(Timmins Hearst Kapuskasing)
18 Durham RM(Oshawa Ajax Newcastle Pickering Whitby)
46 Haliburton C(Minden)
51 Manitoulin D(Gore Bay Little Current)
44 Muskoka DM(Bracebridge Gravenhurst Huntsville)
48 Nipissing D(North Bay Mattawa Sturgeon Falls)
14 Northumberland C(Brighton Cobourg Port Hope)
49 Parry Sound D(Powassan)
15 Peterborough C(Havelock Lakefield)
47 Renfrew C(Pembroke Arnprior Deep River Barry_s Bay)
43 Simcoe C(Barrie Orillia Collingwood Midland Wasaga
Beach)
53 Sudbury RM(Capreol Nickel Centre Rayside Valley East)
52 Sudbury D(Espanola Chapleau)
54 Timiskaming D(Cobalt Haileybury Kirkland Lake New
Liskeard)
16 Victoria C(Lindsay Bobcaygeon Fenelon Falls)
19 York RM(Aurora Markham Newmarket RichHill Vaughan
King)
s other (specify) d don't know r refused
@

[@] <57,56,18,46,51,44,48,14,49,15,47,43,53,52,54,16,19> [goto
end_cty]
<d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty5< [allow int 2][equiv cty1][define <d><98>] [define
<r><99>][define <s><0>]

[r] In what COUNTY or regional municipality do you live?
[n]

60 Kenora D(Dryden Keewatin Sioux Lookout)
59 Rainy River D(Fort Francis)
58 Thunder Bay D(Geraldton Longlac)

s Other (specify)

d Don't Know r Refused
@

[@] <60,59,58,d,r>
<s> [specify]

>end_cty<

[# =====RESPONDENT EVALUATIONS =====]

>re1< [define <d><8>] [define <r><9>]

[r] Do you think this interview was MUCH too long,
SOMEWHAT long, or ABOUT right?[n]

1 much too long
3 somewhat long
```

```
5 about right

d don't know r refused
@

[@] <1,3,5,d,r>

>re2< [define <d><8>] [define <r><9>]

[r] Overall, would you say that this interview was not at all
difficult, [n]
[r] somewhat difficult, or much too difficult to do?
[n]

1 not at all difficult
3 somewhat difficult
5 much too difficult

d don't know r refused
@

[@] <1,3,5,d,r>

>re3a< [define <d><8>] [define <r><9>]

[r] Were there any questions which you found confusing or
unclear? [n]

1 yes
5 no

d don't know r refused
@

[@] <1>
<5,d,r> [goto re4]

>re3b< [define <d><8>] [define <r><9>]

[r] What were they? [n]

[bold][cyan] The questions which you found confusing or unclear
[n][white]

1 enter text, end with //

d Don't Know r Refused
@

[@] <1> [specify]
<d,r>

>re4< [define <d><8>] [define <r><9>]

[r] Were there any questions you understood, but still found it
difficult to [n]
[r] answer? [n]

1 Yes
5 No

d Don't Know r Refused
@
```

[@] <1>

<5,d,r> [goto stop]

>re4b< [define <d><8>][define <r><9>]

[r] What were they?

[n]

[bold][cyan]

The questions you understood, but still found it difficult to answer?

[n][white]

1 enter text, end with //

d Don't Know r Refused

@

[@] <1> [specify]

<d,r>

>stop< [if ETIM eq <>][settime ETIM][endif]
[goto SET]

Appendix D

Derived Variables

DERIVED VARIABLES 2011

Several derived variables have been created on the CM dataset. In this section, the methods used to derive the more complex variables and some of the coding structures are described. Some of the derived variables have been grouped for ease of use.

In some cases, the creation of intermediate variables was needed due to the complex structure of the derived variable. Some of these intermediate variables are also listed and documented as much as possible. Also, due to the complexity of the coding structure and analysis requests, for some of the grouped and derived variables, alternatively coded versions have been created. Some of these alternatively coded variables are also listed and documented. The descriptions of the derived variables below are listed according to topic.

Most of the derived variables listed in this chapter are also included in the merged file “CM 1996-2011”, but they might not be available for every single year. Therefore users of the merged file should first verify if the variables they are interested in are available for all years included in the merged file or might have been asked some years only.

Panel **Questionnaire panel (1-Jan-Dec; 2- Jan-Dec)**

Smoking

SSTATUS3	Smoking status (3 cat)
SSTATUS5	Smoking status (5 cat)
TOB12M	Tobacco use - past 12m
SDAILY	Daily smoking - past 12m
NCIGCAT	Number of cigarettes smoked daily – smokers– past 12m
NCIGTCAT	Number of cigarettes smoked daily – total sample– past 12m

Alcohol Use

ALCSTAT3	Drinking status
ALCLIFE	Alcohol use lifetime
ALC12M	Alcohol use past 12 months
ALC30D	Alcohol use past 30 days
ALDAILY	Daily drinking - past 12 months
QFVOL	Total volume of alcohol consumed in standard drinks in past 12 months
QFVOLWK	Weekly volume of alcohol consumed in standard drinks in past 12 months
FIVEMN	Five+ drinks in a single sitting once a month or more often, past 12m
FIVEWK	Five+ drinks in a single sitting once a week or more often, past 12m
FIVE30BI	Five+ drinks in a single sitting once a week or more often, past 30 days (binary)
ALC7D	Total standard drinks in past 7 days
LRDG2011	Percent exceeding the low-risk drinking guidelines – new guidelines (2011)
LRDG1997	Percent exceeding the low-risk drinking guidelines – original guidelines (1997)

Alcohol Use Problems (AUDIT)

AUDIT	AUDIT total score (total sample)
AUDIT8	AUDIT score - 8+ cut-off (total sample)
AUDITC	AUDIT score for consumption/ intake
AUDITD	AUDIT score for dependence
AUDITAC	AUDIT score for adverse consequences
AUDITP	AUDIT score for problems (adverse consequences + dependence)

Cannabis Use

CANLIFE	Cannabis use lifetime
CAN12M	Cannabis use past 12 months
CAN3M	Cannabis use past 3 months

Cannabis Use Problems (WHO's ASSIST)

ASISTCAN	Cannabis ASSIST score
ASISTCN3	Risk level for cannabis consumption (3 categories)
ASISTCN2	Risk level for cannabis consumption (2 categories)

Cocaine Use

COCLIFE	Cocaine use lifetime
COC12M	Cocaine use past 12 months

Driving and Substance Use

DKDRIV	Driven a motor vehicle after having 2 standard drinks of alcohol within 1 hour before driving (among valid drivers) - past 12m
DKDRIV30	Driven a motor vehicle after having 2 standard drinks of alcohol within 1 hour before driving (among valid drivers) - past 30 days
CANDRIV	Driven a motor vehicle after using cannabis within 2 hours before driving (among valid drivers) – past 12m
DRIVER	Licensed driver in the past 12m

Mental Health (GHQ12)

GHQ1-GHQ12	GHQ items (1 to 12) recoded 0 through 3, and binary: 1-0 (ghq1_bi to ghq12_bi)
GHQ12L	GHQ12 total score (total sample)
GHQ3PLUS	GHQ12 score - 3+ cut-off (total sample)

Health Related Quality of Life Measures (Panel B only)

FAIRHLT	Percent fair or poor health
FAIRMHLT	Percent fair or poor mental health
UNHLTPD	Physically unhealthy days
UNHLTMD	Mentally unhealthy days
UNHLTD	Sum of unhealthy days (physically & mentally)
MENTDISD	Frequent mental distress days

Prescription Medication for Anxiety and Depression

PS11T	Any use of Anxiety Medication - past 12m
PS16T	Any use of Depression Medication - past 12m

Prescription OPIOID Pain Reliever Use (items revised 2010)

PR12M	Any use of prescription Pain Reliever - past 12m
MPR12M	Any medical use of prescription Pain Reliever - past 12m
NMPR12M	Any non-medical use of prescription Pain Reliever - past 12m
PRHI12M	Prescription Pain Reliever - use to get high - past 12m
NMOXY12M	Any non-medical use of OXYCONTIN - past 12m

Demographics

AGECAT3	Age recoded in 3 categories
AGECAT5	Age recoded in 5 categories
EDUCAT4	Highest level of education recoded (4 categories)
MARSTAT3	Marital status recoded (3 categories)
MARSTAT4	Marital status recoded (4 categories)
EMPCAT8	Employment status recoded (8 categories)
HINCCAT5	Household Income (5 categories)
LANG	Language spoken at home
RUR_URB	Location of Household
REGPH7	Public Health Region (7 categories)
LHIN	Local Health Integration Networks (14 categories)

Table D.1
Frequently Used Socio-Demographic Measures

Measure/ Variable name	Number of Categories and Category Type	
Gender - sex	2	Men; Women
Age (in years) - agecat5	5	18-29; 30-39; 40-49; 50-64; 65+
- agecat4	4	18-29; 30-39; 40-49; 50+
- agecat3	3	18-34; 35-54; 55+
Marital Status - marstat4	4	Married; living with partner; previously married (i.e. widowed, divorced or separated), never married.
- marstat3	3	Married (including living as married); previously married (i.e. widowed, divorced or separated); never married.
Region - region	6	<u>Design Strata</u> – Toronto (416, 647 area code); Central West (705, 905, 289); Central East (519, 905, 289); West (519, 226); East (613); North (705, 807) (see Table 2, pg.5)
- regph7	7	<u>Public Health Region</u> – based on Ontario Ministry of Health 7 planning regions – Toronto; Central South; Central West; South West; Central East; East; North (see appended map pg. 120)
- lhin	14	<u>Local Health Integration Networks (LHIN)</u> – based on 14 geographic areas of Ontario: Erie St. Clair; South West; Waterloo Wellington; Hamilton Niagara Haldimand Brant; Central West; Mississauga Halton; Toronto Central; Central; Central East, South East; Champlain; North Simcoe Muskoka; North East, and North West (see appended map pg.121)
Education - educat4	4	Less than high school; completed high school; some college or university; completed university degree
Gross Annual Household Income (in thousands) - hincat5	5	Less than \$30K; \$30-\$49K; \$50-\$79K; \$80K+; not stated

Table D.2:
Definition of Frequently Used Addiction and Mental Health Measures

Measure/ Variable name	Definition
ALCOHOL USE	
Drinking status - alcstat3	Percentage belonging to one of three groups: <i>lifetime abstainers</i> (those never drinking alcohol in their lifetime); <i>former drinkers</i> (those drinking alcohol in lifetime, but not in past 12 months); and <i>current drinkers</i> (those reporting drinking alcohol in past 12 months) (Available 1996-2011).
Past-year drinking -alc12m	Percentage reporting drinking alcohol at least once during the 12 months before the survey (Available 1996-2011).
Daily drinking - alddaily	Percentage reporting drinking at least one alcoholic drink everyday during the 12 months before the survey (Available 1996-2011).
Five or more drinks weekly (Binge drinking) - fivewk	Percentage reporting drinking five or more alcoholic drinks on a single occasion on a weekly basis during the 12 months before the survey (Available 1996-2011).
Number of drinks consumed past-year - qfvol	Estimated number of alcoholic drinks consumed in past 12 months is the product of the frequency of drinking during the past 12 months and the number of drinks typically consumed per occasion (Available 1996-2011).
Exceeding low risk drinking guidelines (LRDG) - lrdg2011	Percentage exceeding the Low Risk Drinking Guidelines. Based on exceeding weekly and daily sex specific limits (men: no more than 15 standard drinks per week; women: no more than 10 standard drinks per week). Also, alcohol intake on any one day should not exceed 2 standard drinks for women or 3 standard drinks for men (Available 2003-2009, and 2011).
Hazardous or harmful drinking (AUDIT) -audit8	Percentage scoring 8+ on the AUDIT screener. Based on 10 items assessing alcohol intake and past 12 month alcohol-related problems (Available 1998-2011).
CIGARETTE USE	
Smoking status - sstatus5	Percentage belonging to one of five categories: <i>never smokers</i> (never smoked 100+ cigarettes in lifetime); <i>former non-daily</i> (never smoked daily and did not smoke in the past 30 days); <i>former daily</i> (smoked daily but did not smoke in the past 30 days); <i>non-daily</i> (never smoked daily but did smoke occasionally in the past 30 days); <i>daily smoker</i> (smoked daily and did smoke in the past 30 days) (Available 1996-2011).
Current smoking - tob12m	Percentage reporting: 1) smoking daily or occasionally, 2) having smoked over 100 cigarettes in their lifetime, and 3) having smoked within the past 30 days (Available 1996-2011).
Daily smoking - sdaily	Percentage reporting: (1) smoking at least one cigarette daily, 2) having smoked over 100 cigarettes in their lifetime, and 3) having smoked within the past 30 days (Available 1996-2011).
CANNABIS USE	
Lifetime cannabis use - canlife	Percentage reporting the use of marijuana or hashish at least once in their lifetime. (Available 1996-2011).
Past year cannabis use - can12m	Percentage reporting the use of marijuana or hashish at least once during the 12 months before the survey. (Available 1996-2011).
Cannabis use problems (ASSIST-CIS) - asistcn2	Percentage scoring 4+ on the Cannabis Involvement Score on the ASSIST screener. Based on 6 items assessing cannabis consumption and past 3 month cannabis-related problems (Available 2004-2011).

Measure/ Variable name	Definition
OTHER DRUG USE	
Lifetime cocaine use - coclife	Percentage reporting the use of cocaine at least once in their lifetime (Available every even year between 1996 -2010 and in 2011).
Past-year cocaine use - coc12m	Percentage reporting the use of cocaine at least once during the 12 months before the survey (Available every even year between 1996 -2010 and in 2011).
Use of prescription opioid pain relievers - pr12m - nmpr12m	Percentage reporting medical and non-medical use of prescription-type pain relievers at least once during the 12 months before the survey (Available 2008-2011). - any use - non-medical use
DRUGS AND DRIVING	
Driving after drinking - dkdriv	Percentage of respondents with a valid driver's licence reporting driving within one hour of consuming two or more drinks of alcohol during the past 12 months (Available 1996-2011).
Driving after cannabis use - candriv	Percentage of respondents with a valid driver's licence reporting driving within two hours of consuming cannabis during the past 12 months (Available 2002-2011).
MENTAL HEALTH	
Elevated psychological distress (GHQ12) - ghq3plus	Percentage reporting 3 or more of the 12 GHQ symptoms. The 12 items assess symptoms of anxiety, depression, and social functioning over the past few weeks (Available 2000 - 2011).
Use of prescribed anti-anxiety medication - ps11t	Percentage reporting the use of prescribed anti-anxiety medication at least once during the 12 months before the survey (Available 1997, 1999, 2001-2004, 2006, 2008, 2009-2011 excl., 2000, 2005, & 2007).
Use of prescribed antidepressant medication - ps16t	Percentage reporting the use of prescribed antidepressant medication at least once during the 12 months before the survey (Available 1997, 1999, 2001-2004, 2006, 2008, 2009-2011 excl., 2000, 2005, & 2007).
Health-related quality of life (HRQOL) - fairmhl - mentdisd	Percentage reporting two mental-health related HRQOL items: <i>poor mental health</i> (defined as self-ratings of <i>fair</i> or <i>poor</i> mental health); and <i>frequent mental distress days</i> (defined as reporting at least 14 or more days of unhealthy mental health during the past 30 days) (Available 2003-2011).

DERIVED VARIABLES

SMOKING

SSTATUS3 Smoking status - Standard to Health Canada

Based on tc1, tc2, tc5

SSTATUS3	DESCRIPTION	CONDITION
1	Current smoker (daily or occasional smoker; smoked 100 cigarettes in lifetime; smoked in past 30 days)	(tc1=1, 3) OR (tc1=5 AND tc2=1 AND tc5 =0,1)
2	Former smoker (includes those who “recently” quit- 1-11 months ago)	(tc1 =5 AND tc2=1 AND tc5=2,3,4,5) OR (tc1=3 AND tc5=2,3,4,5)
3	Never smoker (never 100 cigarettes)	tc2=5

SSTATUS5 Smoking status - detailed

Based on SSTATUS3, tc3, tc1

SSTATUS5	DESCRIPTION	CONDITION
1	Current daily smoker	SSTATUS3=1, AND tc1=1
2	Current non-daily smoker	SSTATUS3=1, AND tc1=3
3	Former daily smoker	SSTATUS3=2, AND tc3=1
4	Former non-daily smoker	SSTATUS3=2, AND tc3=5
5	Never 100 cigarettes	SSTATUS3=3

TOB12M Current smoking (past 30 days)

Based on SSTATUS3

TOB12M	DESCRIPTION	CONDITION
0	Not smoked (never 100 cigarettes or quit more than 30 days ago)	SSTATUS3=2,3
1	Daily or occasional smoker (smoked 100 cigarettes in lifetime; smoked in the past 30 days)	SSTATUS3=1

See also : **SDAILY** - Daily smoking (coded 0-1);
NCIGCAT, NCIGTCAT - No. of cigarettes smoked in categories.

ALCOHOL

ALCSTAT3 Drinking status (past 12 months)

Based on ac1 and ac2

ALCSTAT3	DESCRIPTION	CONDITION
1	Past 12 months drinker	ac1=1
2	Former drinker	ac2=1AND ac1=5
3	Abstainer (never drank)	ac2=5 AND ac1=5

ALC12M Alcohol use past 12 months

Based on ALCSTAT3

ALC12M	DESCRIPTION	CONDITION
0	Not used alcohol past 12 months	ALCSTAT3=2,3
1	Used alcohol past 12 months	ALCSTAT3=1

See also : **ALCLIFE** – Used alcohol lifetime; **ALC30D** – Used alcohol past 30 days.

QFVOL Volume of alcohol consumed in standard drinks in past year.

Estimated using usual quantity by usual frequency approach.

Based on ac5 and ac6a.

$QFVOL = ac5 \text{ (recoded)} * ac6a.$

Note: AC5 (frequency of use of alcohol) and related frequency categories are recoded as follows:

- 1 'more than once a day' = 365 times
- 2 'about every day' = 365 times
- 3 '4 to 5 times a week' = 234 times
- 4 '2 to 3 times a week' = 130 times
- 5 'once a week' = 52 times
- 6 '2 to 3 times a month' = 30 times
- 7 'once a month' = 12 times
- 8 'less than once a month' = 6 times

QFVOL	DESCRIPTION
0 through 9,000	Number of standard drinks in past 12 months
99999	Missing

See also : **QFVOLWK** - Volume of alcohol consumed weekly in standard drinks in past year.

ALDAILY Daily drinking

Based on ac5 -- recoded for total sample.

ALDAILY	DESCRIPTION	CONDITION
0	Non-daily /non-drinker past 12 months	ac5=3 through 8, and system missing=0
1	Daily drinker past 12 months	ac5=1,2

FIVEWK Five or more drinks in a single sitting weekly (in the past 12 months)

Based on item five – recoded for total sample

FIVEWK	DESCRIPTION	CONDITION
0	No/ non-drinker past 12 months	five =5 through 9, and system missing =0
1	Five plus weekly past 12 months	five =1 through 4

See also:

FIVEMN - Five or more drinks in a single sitting monthly;

FIVE30BI - Five or more drinks in a single sitting at least once in the past 30 days.

ALC7D Total drinks in past 7 days (in standard drinks) (Panel A only)

Based on items Sunday to Saturday – total no. of standard drinks consumed in the past 7 days

ALC7D = summation of items Sunday, Monday, ..., Saturday

EXCEEDING LOW RISK DRINKING (percentage exceeding Canada's low-risk drinking guidelines)

Canadian guidelines referring to “low-risk drinking” were initially disseminated in 1994 following an international conference on health benefits and risks (Ashley, Ferrence, Room, Rankin, & Single, 1994). In 1997, revised guidelines were released by the former Addiction Research Foundation (currently CAMH) and the Canadian Centre on Substance Abuse (Susan Bondy et al., 1999).

Released on November 25, 2011, the revised Canada's Low-Risk Alcohol Drinking Guidelines (LRDG) were developed by the National Alcohol Strategy Advisory Committee (NASAC) to help Canadians make healthier choices about alcohol consumption.

The revised LRDG recommend no more than **two drinks a day or 10 standard drinks a week for women**, and no more than **three drinks a day or 15 standard drinks a week for men**. They also recommend that Canadians plan non-drinking days each week, to help avoid developing a habit. The LRDG suggest limits to reduce harm on single occasions, and highlight situations where alcohol should be avoided altogether, such as when taking medication, driving, or when living with mental or physical health problems. Also, caution should be taken to avoid intoxication and injury. The guidelines are intended to represent low risk of the most important forms of harm and to address usual drinking over many years.

The derived variable for our survey, **LRDG2011**, is the percentage **exceeding** the revised low-risk drinking guidelines. It is based on items ALC7D and items Sunday through Saturday.

LRDG2011	DESCRIPTION	CONDITION	
		Males	Females
0	Not exceeding LRD/ non-drinker (past 7days)	15 or less drinks/week AND 3 or less drinks/day	10 or less drinks/week AND 2 or less drinks/day
1	Exceeding weekly and daily sex specific limits (past 7 days)	16+ drinks/week 4+drinks/day	11+ drinks/week 3+ drinks/day

AUDIT, AUDIT8

AUDIT derived variables

Harmful and Hazardous Drinking - based on WHO's Alcohol Use Disorders Identification Test (AUDIT)

The World Health Organization has developed a screening instrument - the Alcohol Use Disorders Identification Test (AUDIT) - designed to detect problem drinkers at the less severe end of the spectrum of alcohol problems (Babor, Higgins-Biddle, Saunders, & Monteiro, 2001; Saunders, Aasland, Babor, De la Fuente, & Grant, 1993). The AUDIT assesses hazardous and harmful drinking. *Hazardous* drinking refers to an established pattern of drinking that increases the likelihood of future physical and mental health problems (e.g., liver disease), whereas *harmful* drinking refers to a pattern of drinking that is already causing damage to health (e.g., alcohol-related injuries; depression). A score of 8 or more is conventionally used as a cut-off point to estimate the percentage who drink at hazardous or harmful levels.

Derived **AUDIT** variables (**AUDIT**, **AUDIT8**) are based on the following items:

Variable name	AUDIT Items	Recoded category
	Alcohol Intake	
ac5 (aud1)	1. How often did you drink alcoholic beverages during the past 12 months?	0. Never
		1. Monthly or less
		2. 2-4 times/month
		3. 2-3 times/week
		4. 4+ times/week
ac6a (aud2)	2. On those days when you drink, how many drinks do you usually have?	0. None/ or One
		1. Two to Three
		2. Four
		3. Five to Seven
		4. Eight or more
five (aud3)	3. About how often during the past 12 months would you say that you had five or more drinks at the same sitting or occasion?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
	Dependence Indicators	
aud4	4. How often during the last year have you found that you were not able to stop drinking once you had started?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
aud5	5. How often during the last year have you failed to do what was normally expected from you because of drinking?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
aud6	6. How often during the last year have you needed a first alcoholic drink in the morning to get yourself going after a heavy drinking session?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily

Variable name	AUDIT Items	Recoded category
	Adverse Consequences	
aud7	7. How often during the last year have you had a feeling of guilt or remorse after drinking?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
aud8	8. How often during the last year have you been unable to remember what happened the night before because you had been drinking?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
aud9	9. Have you or someone else ever been injured as a result of your drinking?	0. No
		2. Yes, but not last year
		4. Yes, during last year
aud0 (aud10)	10. Has a relative or friend or a doctor or other health worker ever been concerned about your drinking or suggested that you cut down?	0. No
		2. Yes, but not last year
		4. Yes, during last year

Note: Intermediate variables **aud1t, aud2t, aud3t, aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t** were derived to calculate the AUDIT score. Variables **aud1t to audit10t** should be used for analyzing individual AUDIT items.

AUDIT

AUDIT score (total sample)

Items aud1 to aud10 were recoded for total sample: aud1t to aud10t.

summation of: aud1t, aud2t, aud3t, aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t

min: 0 max: 40 (higher score = increased likelihood of alcohol problems)

AUDIT8

AUDIT score cut-off 8+ (drink at hazardous or harmful levels)

Based on AUDIT

AUDIT8	DESCRIPTION	CONDITION
0 = "no"	AUDIT score less than 8	AUDIT ge 0 and AUDIT le 7
1 = "yes"	AUDIT score of 8 and over	AUDIT ge 8

See also:

AUDIT DOMAINS

AUDITC	AUDIT score for consumption/ intake Based on aud1t to aud3t; range [0-12] AUDITC = summation of (aud1t, aud2t, aud3t)
AUDITD	AUDIT score for dependence Based on aud4t to aud6t; range [0-12] AUDITD = summation of (aud4t, aud5t, aud6t)
AUDITAC	AUDIT score for adverse consequences Based on aud7t to aud10t; range [0-16] AUDITAC = summation of (aud7t, aud8t, aud9t, aud10t)
AUDITP	AUDIT score for problems (adverse consequences + dependence) Based on aud4t to aud10t; range [0-28] AUDITP = summation of (aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t)

ILLCIT DRUGS

1. CANNABIS

CANLIFE **Lifetime cannabis use**
Based on cn1

CANLIFE	DESCRIPTION	CONDITION
0 = "no"	Never used	cn1=5
1= "yes"	Ever used in lifetime	cn1=1

CAN12M **Cannabis use past 12 months**
Based on cn2 – recoded for total sample

CAN12M	DESCRIPTION	CONDITION
0 = "no"	Never used/ not used past 12 months	cn2=9
1= "yes"	Used past 12 months	cn2=1 through 8

CAN3M Cannabis use past 3 months
Based on CAN3 – recoded for total sample

CAN3M	DESCRIPTION	CONDITION
0 = "no"	Never used/ not used past 3 months	cn3m=0
1= "yes"	Used past 3 months	cn3m=1 through 4

See also: **cannabis use past 30 days (CAN30D)**.

2. CANNABIS PROBLEMS - Cannabis Involvement Score (ASSIST-CIS) (WHO ASSIST- Alcohol, Smoking and Substance Involvement Screening Test)

The World Health Organization has developed a screening instrument – the **Alcohol, Smoking and Substance Involvement Screening Test (ASSIST)** - designed to assess, for users of specific substances, the risk of experiencing health and other problems (e.g. social, financial, legal, relationship) from their current pattern of use (WHO ASSIST Working Group, 2002).

To assess **cannabis** problems we used the **Cannabis Involvement Score (CIS)** from the “**WHO-ASSIST**” screener (see items can3m, cnas1 to cnas5).

The **ASSIST-CIS** was asked only of **past 3 months** cannabis users. The **ASSIST-CIS** score ranges from 0 to 39. Three categories are used to assess the risk of experiencing health and other problems: 1) “low” (a score of 0-3) refers to a pattern of use associated with a low risk of experiencing problems; 2) “moderate” (a score of 4-26) refers to a pattern of use associated with a moderate risk of experiencing problems; and 3) “high” (a score of 27 +) refers to a pattern of use that is associated with a high risk of experiencing problems and is likely to lead to dependency.

Derived **ASSIST-CIS** variables (**ASISTCAN**, **ASISTCN3**) are based on the following items:

Variable name	ASSIST-CIS Items	Recoded category
can3m (ascan1)	1. How often have you used cannabis, marijuana or hash during the PAST THREE months?	0. Never
		2. Once or twice
		3. Monthly
		4. Weekly
		6. Daily or almost daily
cnas1 (ascan2)	2. During the PAST 3 MONTHS, how often have you had a strong desire or urge to use cannabis, marijuana or hash?	0. Never
		3. Once or twice
		4. Monthly
		5. Weekly
		6. Daily or almost daily

Variable name	ASSIST-CIS Items	Recoded category
cnas2 (ascan3)	3. During the PAST 3 MONTHS, how often has your use of cannabis, marijuana or hash led to health, social, legal or financial problems?	0. Never
		4. Once or twice
		5. Monthly
		6. Weekly
		7. Daily or almost daily
cnas3 (ascan4)	4. During the PAST 3 MONTHS, how often have you failed to do what was normally expected of you because of your use of cannabis, marijuana or hash?	0. Never
		5. Once or twice
		6. Monthly
		7. Weekly
		8. Daily or almost daily
cnas4 (ascan5)	5. Has a friend, relative, a doctor or anyone else ever expressed concern about your use of cannabis, marijuana or hash?	0. Never
		3. Yes, not past 3months
		6. Yes, past 3 months
cnas5 (ascan6)	6. Have you ever tried and failed to control, cut down or stop using cannabis, marijuana or hash?	0. Never
		3. Yes, not past 3months
		6. Yes, past 3 months

Note: Items **ascan1**, **ascan2**, **ascan3**, **ascan4**, **ascan5**, **ascan6** should be used for analysing individual ASSIST items.

ASISTCAN Cannabis ASSIST score (total sample)

Based on 6 items CN3M, CNAS1 through CNAS5 (items were first recoded for total sample ascan1, ascan2, ascan3, ascan4, ascan5, ascan6).

summation of items: **ascan1**, **ascan2**, **ascan3**, **ascan4**, **ascan5**, **ascan6**.

min: 0 max: 39 (higher score = increased likelihood of experiencing problems)

ASISTCN3 Risk level for cannabis consumption - 3 categories

Based on ASISTCAN score

ASISTCN3	DESCRIPTION	CONDITION
0= "low"	Score <=3 Low risk of developing health and other problems	ASISTCAN le 3
1= "moderate"	4=< Score <=26 Moderate risk of developing health and other problems	ASISTCAN ge 4 and le 26
2= "high"	Score >=27 High risk of developing health and other problems and likely to be dependent	ASISTCAN ge 27

ASISTCN2 Risk level for cannabis consumption - 2 categories
Based on ASISTCAN score – categories (moderate /high) combined

ASISTCN2	DESCRIPTION	CONDITION
0= “low”	Score <=3 Low risk of developing health and other problems	ASISTCAN le 3
1= “moderate/ high”	Score >=4 Moderate or high risk of developing health and other problems (eventually likely to be dependent)	ASISTCAN ge 4

3. COCAINE

COCLIFE Lifetime cocaine use
Based on ck1

COCLIFE	DESCRIPTION	CONDITION
0	Never used	ck1=5
1	Ever used in lifetime	ck1=1

COC12M Cocaine use past 12 months
Based on ck2 – recoded for total sample

COC12M	DESCRIPTION	CONDITION
0	Never used/ not used past 12 months	ck2=9
1	Used past 12 months	ck2=1 through 8

DRIVING AND SUBSTANCE USE

DKDRIV Drinking and driving past 12 months
Based on dd1, recoded for all valid drivers

DKDRIV	DESCRIPTION	CONDITION
0	Not driven under the influence past 12 months	dd1=5, 7 and system missing =0
1	Driven under the influence at least once past 12 months	dd1=1

See also : **DKDRIV30** – Driven under the influence at least once past 30 days (based on item dd2);
 DRIVER – Licensed driver past 12m (based on item sd7b).

CANDRIV Driving after cannabis use past 12 months
Based on cdr1, recoded for all valid drivers

CANDRIV	DESCRIPTION	CONDITION
0	Not driven under the influence past 12 months	cdr1=5, 7 and system missing =0
1	Driven under the influence at least once past 12 months	cdr1=1

MENTAL HEALTH

To measure overall mental wellness we used the 12-item General Health Questionnaire (GHQ-12) (Goldberg & Hillier, 1979), a screening instrument that evaluates two overarching problems: depression/anxiety and problems with social functioning. Although the GHQ does not provide a clinical determination of psychiatric disorder, it does provide an indication of an individual's risk of future problems.

1. GENERAL HEALTH QUESTIONNAIRE (GHQ12)

For the first time, the CAMH Monitor incorporated the GHQ into the 1999 survey. The item wording took the form: "Over the past weeks, have you....". Response categories are on a 4-point scale ranging from "better [more so] than usual" to "much less than usual"; or "not at all" to "much more than usual." The GHQ items (named gq1 to gq12 in the questionnaire) have been recoded to a "0-3" scale and renamed ghq1 to ghq12.

Derived **GHQ12** variables are based on the following items:

Over the past few weeks, ...	Recoded Categories
ghq1. ...have you been able to concentrate on whatever you're doing?	0. Better than usual
	1. Same as usual
	2. Less than usual
	3. Much less than usual
ghq2. ... have you felt that you are playing a useful part in things?	0. More so than usual
	1. Same as usual
	2. Less useful than usual
	3. Much less useful than usual
ghq3. ... have you felt capable of making decisions about things?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less capable
ghq4. ... have you been able to enjoy your day-to-day activities ?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less than usual
ghq5. ... have you been able to face up to your problems?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less than usual
ghq6. ... have you been feeling reasonably happy?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less than usual
ghq7. ... have you lost much sleep because of worry?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq8. ... have you felt constantly under strain?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq9. ... have you felt you could not overcome your difficulties?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual

Over the past few weeks, ...	Recoded Categories
ghq10. ... have you been feeling unhappy and depressed?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq11. ... have you been losing confidence in yourself?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq12. ... have you been thinking of yourself as a worthless person?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual

GHQ12L GHQ12 Likert summary score (0-36).
Based on items ghq1 to ghq12.

Total Score **GHQ12L** = summation of: ghq1, ghq2, ghq3, ghq4, ghq5, ghq6, ghq7, ghq8, ghq9, ghq10, ghq11, ghq12.
min: 0 max: 36 (higher score = increased likelihood of impaired mental health)

GHQ3PLUS GHQ score cut-off 3+
Based on GHQ12BI

The GHQ also yields a summary statistic to estimate the percentage experiencing significant disinterest, and poor functioning which we label elevated psychological distress, defined as reporting at least 3 of the 12 symptoms. The total score, **GHQ12BI**, is based on a binary scoring (ghq1_bi, ..., ghq12_bi; range 0-12).

GHQ3PLUS	DESCRIPTION	CONDITION
0 = "no"	GHQ12BI score less than 3	GHQ12BI ge 0 and GHQ12BI le 3
1= "yes"	GHQ12BI score of 3 and over	GHQ12BI ge 3

2. HRQOL - HEALTH-RELATED QUALITY OF LIFE MEASURES

Based on the health-related quality of life core module (HRQOL-4) developed by the Centers for Disease Control and Prevention (CDC), Atlanta, US.

Investigators at the Centers for Disease Control and Prevention (CDC) have developed a brief survey tool to identify health-related quality of life in adult populations (Moriarty, Zack, & Kobau, 2003; Ôunpuu, Krueger, Vermeulen, & Chambers, 2000). The four-item HRQOL core module measures self-perceived health, recent physical and mental health, and recent activity limitation. HRQOL measures capture the key concepts of health, identified by the World Health Organization (WHO) in 1948, as “a state of complete physical, mental, and social well-being – not merely the absence of disease or infirmity.”

HRQOL measures are based on 4 items: gh1, hs1a, gh2r, gh3r. Unlike other health profiles, the HRQOL measures do not use a summary score or subscale scores based on psychometrically derived or preference-based weights. The only scoring used is a summary “unhealthy days” index, computed by adding a respondent’s physically and mentally unhealthy days, with a maximum of 30 days for one person. For comparing populations and examining patterns and trends, population means are generally used for the “days” measures. For some analyses, derived measures based on a cut point are used, for example, “frequent mental distress” is defined as 14 or more mentally unhealthy days reported by a respondent.

DERIVED “HRQOL” VARIABLES

FAIRHLT	Percent fair or poor health Based on item gh1 (self-rated health) Recoded into 2 categories: ‘0’ (excellent, very good, good); ‘1’ (fair, poor)
FAIRMHLT	Percent fair or poor mental health Based on item hs1a (self-rated mental health) Recoded into 2 categories: ‘0’ (excellent, very good, good); ‘1’ (fair, poor)
UNHLTPD	Physically unhealthy days Based on item gh2r. Range: 0-30.
UNHLTMD	Mentally unhealthy days Based on item gh3r. Range: 0-30.
UNHLTD	Sum of unhealthy days (physically & mentally) Sum of items UNHLTPD and UNHLTMD, recoded so max=30. Range: 0-30.
MENTDISD	Frequent mental distress days Based on item UNHLTMD (mentally unhealthy days) Recoded into 2 categories: ‘0’ (0-13 days); ‘1’ (14+ days) (as recommended by CDC).

PRESCRIPTION OPIOIDS

PR12M **Any use of prescription opioid pain relievers past 12 months**
Based on po1 and po2

PR12M	DESCRIPTION	CONDITION
0	Not used any PR past 12 months	po1 =9
1	Used any PR past 12 months	po1 or po2 =1 through 6

MPR12M **Any medical use of prescription opioid pain relievers past 12 months**
Based on po1

MPR12M	DESCRIPTION	CONDITION
0	Not used PR medically past 12 months	po1 =9
1	Used PR medically past 12 months	po1=1 through 6

NMPR12M **Any non-medical use of prescription opioid pain relievers past 12 months**
Based on po2

NMPR12M	DESCRIPTION	CONDITION
0	Not used PR non-medically past 12 months	po2 =9
1	Used PR non-medically past 12 months	po2=1 through 6

PRHI12M **Any use of prescription pain relievers to get high past 12 months**
Based on pr7, recoded for total sample

PRHI12M	DESCRIPTION	CONDITION
0	Not used PR to get high past 12 months	pr7 =5 and pr12m=0
1	Used PR to get high past 12 months	pr7=1

NMOXY12M Any non-medical use of Oxycontin past 12 months

Based on oxy2

NMOXY12M	DESCRIPTION	CONDITION
0	No non-medical use of Oxycontin past 12 months	oxy2 =9
1	Used Oxycontin non-medically past 12 months	oxy2=1 through 6

DEMOGRAPHICS**AGE Age of respondent**

AGE = 2003 - Birth (year of birth)

Min:18 Max:96

AGECAT3 Age recoded in 3 categories

Based on age

AGECAT3	DESCRIPTION	CONDITON
1	18 - 34 years	age = 18 thru 34
2	35 - 54 years	age = 35 thru 54
3	55 years and older	age = 55 thru 96

AGECAT5 Age recoded in 5 categories

Based on age

AGECAT5	DESCRIPTION	CONDITION
1	18 - 29 years	age= 18 thru 29
2	30 - 39 years	age = 30 thru 39
3	40 - 49 years	age = 40 thru 49
4	50 - 64 years	age = 50 thru 64
5	65 years and older	age = 65 thru 96

EDUCAT4 Highest level of education recoded (4 categories)
Based on sd2

EDUCAT4	DESCRIPTION	CONDITION
1	less than high school	sd2 = 1 thru 4
2	completed high school	sd2 = 5
3	some post-secondary (college or university)	sd2 = 6 thru 10
4	university degree	sd2 = 11 thru 14

EMPCAT8 Employment status recoded (8 categories)
Based on sd6

EMPCAT8	DESCRIPTION	CONDITION
1	full-time	sd6=1
2	part-time	sd6=2
3	unemployed	sd6=4
4	retired	sd6=5
5	homemaker	sd6=6
6	student	sd6=7
7	self-employed	sd6=8
8	other	sd6=0,3

MARSTAT3 Marital status recoded (3 categories)
Based on sd5

MARSTAT3	DESCRIPTION	CONDITION
1	Married/ Living with partner	sd5=1,2
2	Previously married (divorced, widowed, separated)	sd5=3,4,5
3	Never married	sd5=6

LHIN Ontario's Local Health Integration Networks

In 2006, the province designated 14 geographic areas, named the Local Health Integration Networks (LHINs) of Ontario, each to function as health systems that plan, integrate and fund local health services (see <http://www.lhins.on.ca>) (see map at the end of the chapter). In the dataset the LHINs were assigned at the individual-level according to the respondent's postal code.

The 14 LHIN areas are:

1. Erie St. Clair;
2. South West;
3. Waterloo Wellington;
4. Hamilton Niagara Haldimand Brant;
5. Central West;
6. Mississauga Halton;
7. Toronto Central;
8. Central;
9. Central East,
10. South East;
11. Champlain;
12. North Simcoe Muskoka;
13. North East,
14. North West

REGPH7 Public Health Planning Regions (7 regions)

Based on the item "county" and OMH Planning Regions (see below)

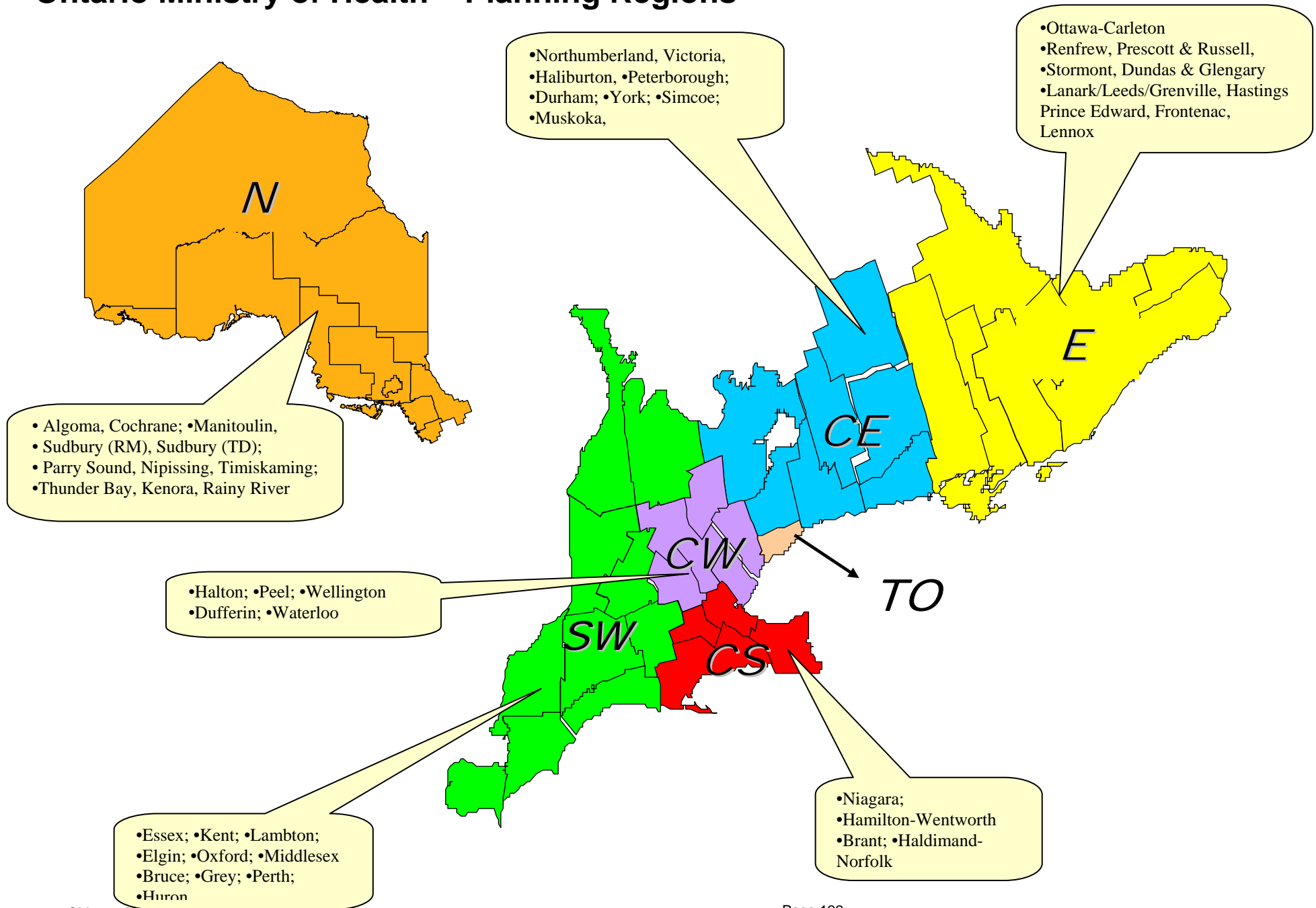
REGPH7	DESCRIPTION	CONDITION
1	Toronto	county = 20
2	Central South	county = (25 thru 29)
3	Central West	county = (21 thru 24, 30)
4	South West	county = (31 thru 42)
5	Central East	county = (14 thru 19, 43, 46)
6	Eastern Region	county = (1 thru 13, 47)
7	North	county = (44, 48 thru 60)

Ontario Ministry of Health - Planning Regions

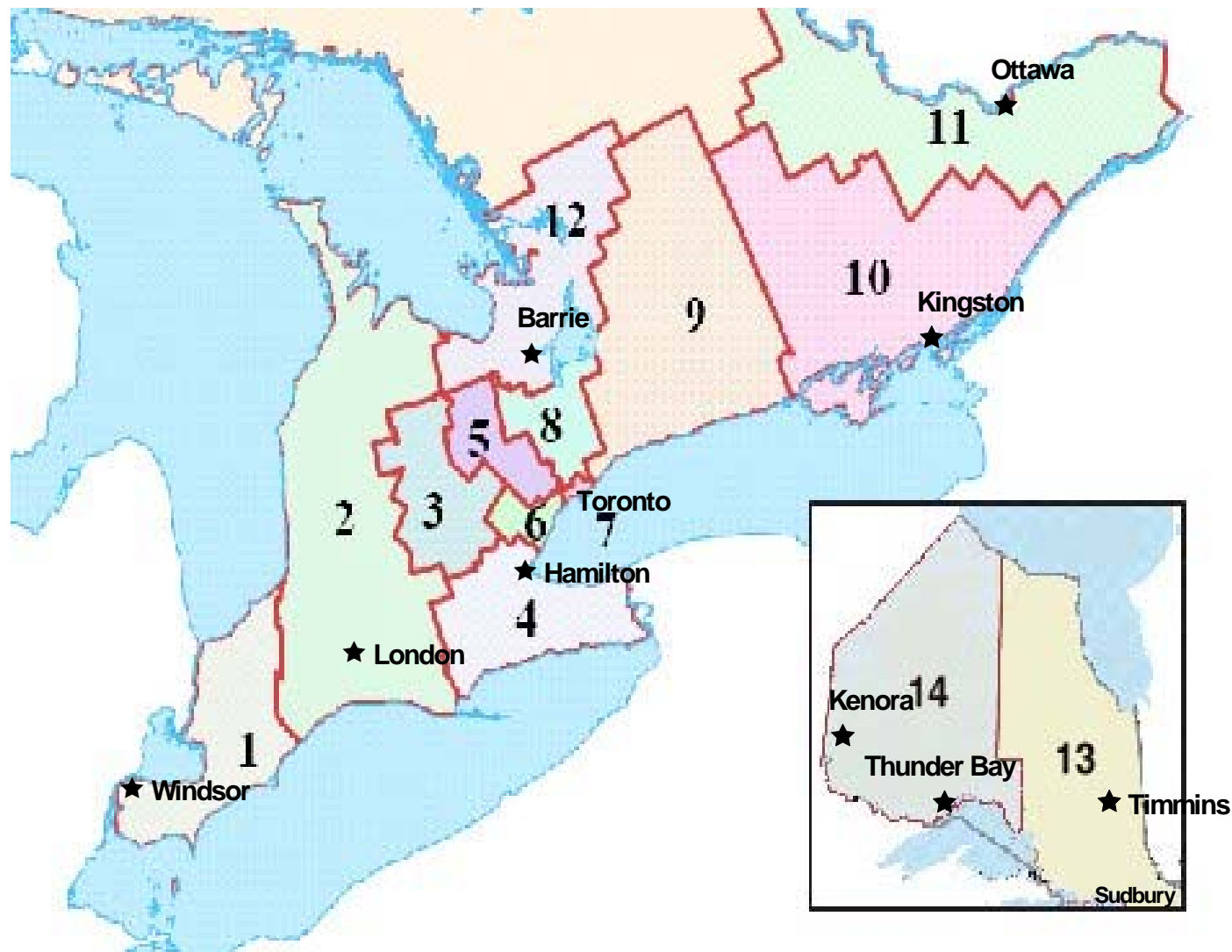
OMH Planning Region	Counties (23 Local Areas)
Toronto	
Central South	Niagara Hamilton-Wentworth Brant, Haldimand-Norfolk
Central West	Halton Peel Wellington, Dufferin Waterloo
South West	Essex Kent, Lambton Elgin, Oxford, Middlesex Bruce, Grey, Perth, Huron
Central East	Northumberland, Victoria, Haliburton, Peterborough Durham York Simcoe
Eastern Region	Ottawa-Carleton Renfrew, Prescott & Russell, Stormont, Dundas & Glengarry Lanark/Leeds/Grenville, Hastings, Prince Edward, Frontenac, Lennox & Addington
North	Algoma, Cochrane Manitoulin, Sudbury (R.M.), Sudbury (T.D.) Muskoka, Parry Sound, Nipissing, Timiskaming Thunder Bay, Kenora, Rainy River

Source: Ontario Ministry of Health. *Ontario Health Survey 1996-1997 Derived Variable Document*. Toronto: Ontario Ministry of Health, 1999.

Ontario Ministry of Health – Planning Regions



14 LHINs of Ontario



- 1 Erie St.Clair
- 2 South West
- 3 Waterloo Wellington
- 4 Hamilton Niagara Haldimand Brant
- 5 Central West
- 6 Mississauga Halton
- 7 Toronto Central
- 8 Central
- 9 Central East
- 10 South East
- 11 Champlain
- 12 North Simcoe Muskoka
- 13 North East
- 14 North West

HINCOME Household Income Before Taxes (past year)

HINCOME	DESCRIPTION	CONDITION
1	less than \$20,000	sd10 lt 20 or d10b=1
2	between \$20,000 and \$29,999.99	(sd10 ge 20 and sd10 lt 30) or d10b=2
3	between \$30,000 and \$39,999.99	(sd10 ge 30 and sd10 lt 40) or d10b=3
4	between \$40,000 and \$49,999.99	(sd10 ge 40 and sd10 lt 50) or d10b=4
5	between \$50,000 and \$59,999.99	(sd10 ge 50 and sd10 lt 60) or d10b=5
6	between \$60,000 and \$69,999.99	(sd10 ge 60 and sd10 lt 70) or d10b=6
7	between \$70,000 and \$79,999.99	(sd10 ge 70 and sd10 lt 80) or d10b=7
8	between \$80,000 and \$89,999.99	(sd10 ge 80 and sd10 lt 90) or d10b=8
9	between \$90,000 and \$100,000	(sd10 ge 90 and sd10 lt 100) or d10b=9
10	more than \$100,000	(sd10 ge 100) or d10b=10
98	Don' know	Don' know
99	Refused	Refused

HINCCAT5 Household Income (5 categories)

HINCCAT5	DESCRIPTION	CONDITION
1	less than \$30,000	(HINCOME le 2)
2	between \$30,000 and \$49,999.99	(HINCOME gt 2 and HINCOME le 4)
3	between \$50,000 and \$79,999.99	(HINCOME gt 4 and HINCOME le 7)
4	more than \$80,000	(HINCOME gt 7 and HINCOME le 10)
5	Not stated (refused or DK)	(HINCOME = 98 or HINCOME = 99)

Occupation: Item SD7NOCS

Main occupation codes are based on the *National Occupational Classification for Statistics (NOC-S)*. The NOC is updated in partnership with Statistics Canada according to 5 year Census cycles. It is based on extensive occupational research and consultation conducted across the country, reflecting the evolution of the Canadian labour market.

In a nutshell, the NOC is a tool that is used to classify occupations according to their skill level and skill type. A four-digit code, called the “NOC code”, identifies the occupation. Each digit of this code reflects an important trait of the occupation it represents.

The NOC breaks occupations down into 10 sectors:

0. Management Occupations
1. Business, Finance and Administration Occupations
2. Natural and Applied Sciences and Related Occupations
3. Health Occupations
4. Occupations in Social Science, Education, Government Service and Religion
5. Occupations in Art, Culture, Recreation and Sport
6. Sales and Service Occupations
7. Trades, Transport and Equipment Operators and Related Occupations
8. Occupations unique to Primary Industry
9. Occupations Unique to Processing, Manufacturing and Utilities

See the following website for more information:

<http://www5.hrsdc.gc.ca/NOC/English/NOC/2006/Welcome.aspx>

Appendix E

WHO – ASSIST - CIS

A. WHO - ASSIST V3.0

INTERVIEWER ID	<input type="text"/>	COUNTRY	<input type="text"/>	<input type="text"/>	CLINIC	<input type="text"/>
PATIENT ID	<input type="text"/>	DATE	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

INTRODUCTION (Please read to patient)

Thank you for agreeing to take part in this brief interview about alcohol, tobacco products and other drugs. I am going to ask you some questions about your experience of using these substances across your lifetime and in the past three months. These substances can be smoked, swallowed, snorted, inhaled, injected or taken in the form of pills (show drug card).

Some of the substances listed may be prescribed by a doctor (like amphetamines, sedatives, pain medications). For this interview, we will not record medications that are used as prescribed by your doctor. However, if you have taken such medications for reasons other than prescription, or taken them more frequently or at higher doses than prescribed, please let me know. While we are also interested in knowing about your use of various illicit drugs, please be assured that information on such use will be treated as strictly confidential.

NOTE: BEFORE ASKING QUESTIONS, GIVE ASSIST RESPONSE CARD TO PATIENT

Question 1
(if completing follow-up please cross check the patient's answers with the answers given for Q1 at baseline. Any differences on this question should be queried)

In your life, which of the following substances have you <u>ever used</u> ? (NON-MEDICAL USE ONLY)	No	Yes
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	3
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	3
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	3
d. Cocaine (coke, crack, etc.)	0	3
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	3
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	3
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	3
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	3
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	3
j. Other - specify:	0	3

Probe if all answers are negative: "Not even when you were in school?"	If "No" to all items, stop interview. If "Yes" to any of these items, ask Question 2 for each substance ever used.
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Question 2

In the <u>past three months</u> , how often have you used the substances you mentioned (<i>FIRST DRUG, SECOND DRUG, ETC</i>)?	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	2	3	4	6
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	2	3	4	6
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	2	3	4	6
d. Cocaine (coke, crack, etc.)	0	2	3	4	6
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	2	3	4	6
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	2	3	4	6
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	2	3	4	6
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	2	3	4	6
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	2	3	4	6
j. Other - specify:	0	2	3	4	6

If "Never" to all items in Question 2, skip to Question 6.

If any substances in Question 2 were used in the previous three months, continue with Questions 3, 4 & 5 for each substance used.

Question 3

During the <u>past three months</u> , how often have you had a strong desire or urge to use (<i>FIRST DRUG, SECOND DRUG, ETC</i>)?	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	3	4	5	6
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	3	4	5	6
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	3	4	5	6
d. Cocaine (coke, crack, etc.)	0	3	4	5	6
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	3	4	5	6
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	3	4	5	6
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	3	4	5	6
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	3	4	5	6
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	3	4	5	6
j. Other - specify:	0	3	4	5	6

Question 4

During the <u>past three months</u> , how often has your use of <i>(FIRST DRUG, SECOND DRUG, ETC)</i> led to health, social, legal or financial problems?	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	4	5	6	7
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	4	5	6	7
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	4	5	6	7
d. Cocaine (coke, crack, etc.)	0	4	5	6	7
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	4	5	6	7
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	4	5	6	7
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	4	5	6	7
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	4	5	6	7
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	4	5	6	7
j. Other - specify:	0	4	5	6	7

Question 5

During the <u>past three months</u> , how often have you failed to do what was normally expected of you because of your use of <i>(FIRST DRUG, SECOND DRUG, ETC)?</i>	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products					
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	5	6	7	8
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	5	6	7	8
d. Cocaine (coke, crack, etc.)	0	5	6	7	8
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	5	6	7	8
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	5	6	7	8
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	5	6	7	8
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	5	6	7	8
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	5	6	7	8
j. Other - specify:	0	5	6	7	8

Ask Questions 6 & 7 for all substances ever used (i.e. those endorsed in Question 1)

Question 6

Has a friend or relative or anyone else <u>ever</u> expressed concern about your use of (<i>FIRST DRUG, SECOND DRUG, ETC.</i>)?	No, Never	Yes, in the past 3 months	Yes, but not in the past 3 months
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	6	3
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	6	3
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	6	3
d. Cocaine (coke, crack, etc.)	0	6	3
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	6	3
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	6	3
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	6	3
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	6	3
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	6	3
j. Other – specify:	0	6	3

Question 7

Have you <u>ever</u> tried and failed to control, cut down or stop using (<i>FIRST DRUG, SECOND DRUG, ETC.</i>)?	No, Never	Yes, in the past 3 months	Yes, but not in the past 3 months
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	6	3
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	6	3
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	6	3
d. Cocaine (coke, crack, etc.)	0	6	3
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	6	3
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	6	3
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	6	3
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	6	3
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	6	3
j. Other – specify:	0	6	3

Question 8

	No, Never	Yes, in the past 3 months	Yes, but not in the past 3 months
Have you <u>ever</u> used any drug by injection? (NON-MEDICAL USE ONLY)	0	2	1

IMPORTANT NOTE:

Patients who have injected drugs in the last 3 months should be asked about their pattern of injecting during this period, to determine their risk levels and the best course of intervention.

PATTERN OF INJECTING

Once weekly or less or
Fewer than 3 days in a row

INTERVENTION GUIDELINES

Brief Intervention including "risks associated with injecting" card

More than once per week or
3 or more days in a row

Further assessment and more intensive treatment*

HOW TO CALCULATE A SPECIFIC SUBSTANCE INVOLVEMENT SCORE.

For each substance (labelled a. to j.) add up the scores received for questions 2 through 7 inclusive. Do not include the results from either Q1 or Q8 in this score. For example, a score for cannabis would be calculated as: **Q2c + Q3c + Q4c + Q5c + Q6c + Q7c**

Note that Q5 for tobacco is not coded, and is calculated as: **Q2a + Q3a + Q4a + Q6a + Q7a**

THE TYPE OF INTERVENTION IS DETERMINED BY THE PATIENT'S SPECIFIC SUBSTANCE INVOLVEMENT SCORE

	Record specific substance score	no intervention	receive brief intervention	more intensive treatment *
a. tobacco		0 - 3	4 - 26	27+
b. alcohol		0 - 10	11 - 26	27+
c. cannabis		0 - 3	4 - 26	27+
d. cocaine		0 - 3	4 - 26	27+
e. amphetamine		0 - 3	4 - 26	27+
f. inhalants		0 - 3	4 - 26	27+
g. sedatives		0 - 3	4 - 26	27+
h. hallucinogens		0 - 3	4 - 26	27+
i. opioids		0 - 3	4 - 26	27+
j. other drugs		0 - 3	4 - 26	27+

NOTE: *FURTHER ASSESSMENT AND MORE INTENSIVE TREATMENT may be provided by the health professional(s) within your primary care setting, or, by a specialist drug and alcohol treatment service when available.

B. WHO ASSIST V3.0 RESPONSE CARD FOR PATIENTS

Response Card - substances

a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)
b. Alcoholic beverages (beer, wine, spirits, etc.)
c. Cannabis (marijuana, pot, grass, hash, etc.)
d. Cocaine (coke, crack, etc.)
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)
i. Opioids (heroin, morphine, methadone, codeine, etc.)
j. Other - specify:

Response Card (ASSIST Questions 2 – 5)

- Never:** not used in the last 3 months
- Once or twice:** 1 to 2 times in the last 3 months.
- Monthly:** 1 to 3 times in one month.
- Weekly:** 1 to 4 times per week.
- Daily or almost daily:** 5 to 7 days per week.

Response Card (ASSIST Questions 6 to 8)

- No, Never
- Yes, but not in the past 3 months
- Yes, in the past 3 months

C. ALCOHOL, SMOKING AND SUBSTANCE INVOLVEMENT SCREENING TEST (WHO ASSIST V3.0) FEEDBACK REPORT CARD FOR PATIENTS

Name _____ Test Date _____

Specific Substance Involvement Scores

Substance	Score	Risk Level
a. Tobacco products		0-3 Low 4-26 Moderate 27+ High
b. Alcoholic Beverages		0-10 Low 11-26 Moderate 27+ High
c. Cannabis		0-3 Low 4-26 Moderate 27+ High
d. Cocaine		0-3 Low 4-26 Moderate 27+ High
e. Amphetamine type stimulants		0-3 Low 4-26 Moderate 27+ High
f. Inhalants		0-3 Low 4-26 Moderate 27+ High
g. Sedatives or Sleeping Pills		0-3 Low 4-26 Moderate 27+ High
h. Hallucinogens		0-3 Low 4-26 Moderate 27+ High
i. Opioids		0-3 Low 4-26 Moderate 27+ High
j. Other - specify		0-3 Low 4-26 Moderate 27+ High

What do your scores mean?

- Low:** You are at low risk of health and other problems from your current pattern of use.
- Moderate:** You are at risk of health and other problems from your current pattern of substance use.
- High:** You are at high risk of experiencing severe problems (health, social, financial, legal, relationship) as a result of your current pattern of use and are likely to be dependent

Are you concerned about your substance use?

a. tobacco	Your risk of experiencing these harms is:..... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular tobacco smoking is associated with:
	Premature aging, wrinkling of the skin
	Respiratory infections and asthma
	High blood pressure, diabetes
	Respiratory infections, allergies and asthma in children of smokers
	Miscarriage, premature labour and low birth weight babies for pregnant women
	Kidney disease
	Chronic obstructive airways disease
	Heart disease, stroke, vascular disease
	Cancers

b. alcohol	Your risk of experiencing these harms is:..... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular excessive alcohol use is associated with:
	Hangovers, aggressive and violent behaviour, accidents and injury
	Reduced sexual performance, premature ageing
	Digestive problems, ulcers, inflammation of the pancreas, high blood pressure
	Anxiety and depression, relationship difficulties, financial and work problems
	Difficulty remembering things and solving problems
	Deformities and brain damage in babies of pregnant women
	Stroke, permanent brain injury, muscle and nerve damage
	Liver disease, pancreas disease
	Cancers, suicide

c. cannabis	Your risk of experiencing these harms is:..... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular use of cannabis is associated with:
	Problems with attention and motivation
	Anxiety, paranoia, panic, depression
	Decreased memory and problem solving ability
	High blood pressure
	Asthma, bronchitis
	Psychosis in those with a personal or family history of schizophrenia
	Heart disease and chronic obstructive airways disease
	Cancers

d. cocaine	Your risk of experiencing these harms is:.... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/>
	(tick one) Regular use of cocaine is associated with:
	Difficulty sleeping, heart racing, headaches, weight loss
	Numbness, tingling, clammy skin, skin scratching or picking
	Accidents and injury, financial problems
	Irrational thoughts
	Mood swings - anxiety, depression, mania
	Aggression and paranoia
	Intense craving, stress from the lifestyle
	Psychosis after repeated use of high doses
	Sudden death from heart problems

e. amphetamine type stimulants	Your risk of experiencing these harms is:..... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/>
	(tick one) Regular use of amphetamine type stimulants is associated with:
	Difficulty sleeping, loss of appetite and weight loss, dehydration
	jaw clenching, headaches, muscle pain
	Mood swings -anxiety, depression, agitation, mania, panic, paranoia
	Tremors, irregular heartbeat, shortness of breath
	Aggressive and violent behaviour
	Psychosis after repeated use of high doses
	Permanent damage to brain cells
	Liver damage, brain haemorrhage, sudden death (ecstasy) in rare situations

f. inhalants	Your risk of experiencing these harms is:..... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/>
	(tick one) Regular use of Inhalants is associated with:
	Dizziness and hallucinations, drowsiness, disorientation, blurred vision
	Flu like symptoms, sinusitis, nosebleeds
	Indigestion, stomach ulcers
	Accidents and injury
	Memory loss, confusion, depression, aggression
	Coordination difficulties, slowed reactions, hypoxia
	Delirium, seizures, coma, organ damage (heart, lungs, liver, kidneys)
	Death from heart failure

g. sedatives	Your risk of experiencing these harms is: Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular use of sedatives is associated with:
	Drowsiness, dizziness and confusion
	Difficulty concentrating and remembering things
	Nausea, headaches, unsteady gait
	Sleeping problems
	Anxiety and depression
	Tolerance and dependence after a short period of use.
	Severe withdrawal symptoms
	Overdose and death if used with alcohol, opioids or other depressant drugs.

h. hallucinogens	Your risk of experiencing these harms is:..... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular use of hallucinogens is associated with:
	Hallucinations (pleasant or unpleasant) – visual, auditory, tactile, olfactory
	Difficulty sleeping
	Nausea and vomiting
	Increased heart rate and blood pressure
	Mood swings
	Anxiety, panic, paranoia
	Flash-backs
	Increase the effects of mental illnesses such as schizophrenia

i. opioids	Your risk of experiencing these harms is: Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular use of opioids is associated with:
	Itching, nausea and vomiting
	Drowsiness
	Constipation, tooth decay
	Difficulty concentrating and remembering things
	Reduced sexual desire and sexual performance
	Relationship difficulties
	Financial and work problems, violations of law
	Tolerance and dependence, withdrawal symptoms
	Overdose and death from respiratory failure

D. RISKS OF INJECTING CARD – INFORMATION FOR PATIENTS

Using substances by injection increases the risk of harm from substance use.

This harm can come from:

- **The substance**
 - If you inject any drug you are more likely to become dependent.
 - If you inject amphetamines or cocaine you are more likely to experience psychosis.
 - If you inject heroin or other sedatives you are more likely to overdose.
- **The injecting behaviour**
 - If you inject you may damage your skin and veins and get infections.
 - You may cause scars, bruises, swelling, abscesses and ulcers.
 - Your veins might collapse.
 - If you inject into the neck you can cause a stroke.
- **Sharing of injecting equipment**
 - If you share injecting equipment (needles & syringes, spoons, filters, etc.) you are more likely to spread blood borne virus infections like Hepatitis B, Hepatitis C and HIV.
- ❖ **It is safer not to inject**
- ❖ **If you do inject:**
 - ✓ always use clean equipment (e.g., needles & syringes, spoons, filters, etc.)
 - ✓ always use a new needle and syringe
 - ✓ don't share equipment with other people
 - ✓ clean the preparation area
 - ✓ clean your hands
 - ✓ clean the injecting site
 - ✓ use a different injecting site each time
 - ✓ inject slowly
 - ✓ put your used needle and syringe in a hard container and dispose of it safely
- ❖ **If you use stimulant drugs like amphetamines or cocaine the following tips will help you reduce your risk of psychosis.**
 - ✓ avoid injecting and smoking
 - ✓ avoid using on a daily basis
- ❖ **If you use depressant drugs like heroin the following tips will help you reduce your risk of overdose.**
 - ✓ avoid using other drugs, especially sedatives or alcohol, on the same day
 - ✓ use a small amount and always have a trial "taste" of a new batch
 - ✓ have someone with you when you are using
 - ✓ avoid injecting in places where no-one can get to you if you do overdose
 - ✓ know the telephone numbers of the ambulance service

E. TRANSLATION AND ADAPTATION TO LOCAL LANGUAGES AND CULTURE: A RESOURCE FOR CLINICIANS AND RESEARCHERS

The ASSIST instrument, instructions, drug cards, response scales and resource manuals may need to be translated into local languages for use in particular countries or regions. Translation from English should be as direct as possible to maintain the integrity of the tools and documents. However, in some cultural settings and linguistic groups, aspects of the ASSIST and its companion documents may not be able to be translated literally and there may be socio-cultural factors that will need to be taken into account in addition to semantic meaning. In particular, substance names may require adaptation to conform to local conditions, and it is also worth noting that the definition of a standard drink may vary from country to country.

Translation should be undertaken by a bi-lingual translator, preferably a health professional with experience in interviewing. For the ASSIST instrument itself, translations should be reviewed by a bi-lingual expert panel to ensure that the instrument is not ambiguous. Back translation into English should then be carried out by another independent translator whose main language is English to ensure that no meaning has been lost in the translation. This strict translation procedure is critical for the ASSIST instrument to ensure that comparable information is obtained wherever the ASSIST is used across the world.

Translation of this manual and companion documents may also be undertaken if required. These do not need to undergo the full procedure described above, but should include an expert bi-lingual panel.

Before attempting to translate the ASSIST and related documents into other languages, interested individuals should consult with the WHO about the procedures to be followed and the availability of other translations. Write to the Department of Mental Health and Substance Dependence, World Health Organisation, 1211 Geneva 27, Switzerland.

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